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## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Kevin Barnes Examiner #: 79966 Date: 3/12/2004  
 Art Unit: 2155 Phone Number: 301-605-0638 Serial Number: 09/123295  
 Mail Box and Bldg/Room Location: CP42 5D50 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: System for servers to send alerts to connectionless devices

Inventors (please provide full names): Rudolf Bonafas Richard Sobchak James Zombak

Earliest Priority Filing Date: 11/25/2000

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Claim 14 I need a messaging system with alert or emergency messaging that has the functionality to send the message to either one device that the client/user/subscriber has or all the devices. Basically the message server gets a message with enough importance/priority that it can decide to simultaneously message the user on all his devices.

The devices can be anything but more appropriate if they are wireless or on multiple platforms and protocols.

Keywords

message system/network

message router

forwarding router/server

simultaneous/multicast

routing table/database

done list

work normally  
 all platforms & devices  
 alert / message system  
 plan for emergency  
 notification

## STAFF USE ONLY

## Type of Search

## Vendors and cost where applicable

Searcher: Geoffrey J. Leger NA Sequence (#) \_\_\_\_\_ STN \_\_\_\_\_  
 Searcher Phone #: 308-7800 AA Sequence (#) \_\_\_\_\_ Dialog ☒  
 Searcher Location: 41339 Structure (#) \_\_\_\_\_ Questel/Orbit \_\_\_\_\_  
 Date Searcher Picked Up: 3/19/04 Bibliographic ☒ Dr. Link \_\_\_\_\_  
 Date Completed: 3/22/04 Litigation ☒ Lexis/Nexis \_\_\_\_\_  
 Searcher Prep & Review Time: 80 Fulltext ☒ Sequence Systems \_\_\_\_\_  
 Clerical Prep Time: \_\_\_\_\_ Patent Family \_\_\_\_\_ WWW/Internet \_\_\_\_\_  
 Online Time: 230 Other \_\_\_\_\_ Other (specify) \_\_\_\_\_

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# STIC Search Report

## EIC 2100

**STIC Database Tracking Number: 116852**

**TO: Kevin Bates**  
**Location: 5D50**  
**Art Unit : 2155**  
**Monday, March 22, 2004**

**Case Serial Number: 0/723285**

**From: Geoffrey St. Leger**  
**Location: EIC 2100**  
**PK2-4B30**  
**Phone: 308-7800**

**geoffrey.stleger@uspto.gov**

### Search Notes

Dear Examiner Bates,

Attached please find the results of your search request for application 0/723285. I searched Dialog's foreign patent files, product announcement files and general files.

Please let me know if you have any questions.

Regards,

Geoffrey St. Leger  
4B30/308-7800

Set	Items	Description
S1	188693	ALERT??? OR NOTIC? ? OR NOTIFIE? ? OR NOTIFY??? OR NOTIFIC- ATION? ? OR INFORM?? OR INFORMING OR WARN??? OR ANNOUNC?
S2	21602	(BROADCAST??? OR MULTICAST??? OR MULTI()CAST???) (5N) (ALERT? ? OR NOTICE? ? OR NOTIFICATION? ? OR WARNING? ? OR ANNOUNCEM- ENT? ? OR MESSAGE? ? OR EVENT? ? OR DATA OR INFORMATION OR BI- D? ?)
S3	46339	(SIMULTANEOUS? OR CONCURREN? OR COINCIDENT? OR SAME()TIME)- (5N) (FORWARD??? OR ROUT??? OR TRANSFER? OR TRANSMIT? OR TRANSM- MISSION OR COMMUNICAT? OR DISTRIBUT? OR CONVEY? OR RELAY??? OR DELIVER? OR SEND??? OR SENT OR UPLOAD? OR CONVEY?)
S4	912	S3(10W) (DEVICES OR UNITS OR APPLIANCES OR (EVERY OR EACH) (- 2W) (DEVICE OR UNIT OR APPLIANCE))
S5	54088	SERVER? ? OR ROUTE? ? OR GATEWAY? ? OR HUB? ?
S6	65203	(DIFFERENT OR SEPARATE OR MULTIPLE OR MULTIPLICITY OR PLUR- AL? OR VARIETY OR ASSORTED OR ASSORTMENT OR VARIOUS) (5W) (DEVI- CES OR UNITS OR APPLIANCES)
S7	70346	(EVERY OR EACH) (2W) (DEVICE OR UNIT OR APPLIANCE)
S8	38	S1 AND S4
S9	43	S2(5W)S6:S7
S10	3	S1 AND S9
S11	30	(FORWARD??? OR ROUT??? OR TRANSFER? OR TRANSMIT? OR TRANSM- MISSION OR COMMUNICAT? OR DISTRIBUT? OR CONVEY? OR RELAY??? OR DELIVER? OR SEND??? OR SENT OR UPLOAD? OR CONVEY?) (5W)S1(5W)S- 6:S7
S12	33	S10:S11 NOT S8
S13	14660	(FORWARD??? OR ROUT??? OR TRANSFER? OR TRANSMIT? OR TRANSM- MISSION OR COMMUNICAT? OR DISTRIBUT? OR CONVEY? OR RELAY??? OR DELIVER? OR SEND??? OR SENT OR UPLOAD? OR CONVEY?) (10W)S6:S7
S14	606	S1 AND S13
S15	66	S5 AND S14
S16	58	S15 NOT (S8 OR S12)
S17	131	(FORWARD??? OR ROUT??? OR TRANSFER? OR TRANSMIT? OR TRANSM- MISSION OR COMMUNICAT? OR DISTRIBUT? OR CONVEY? OR RELAY??? OR DELIVER? OR SEND??? OR SENT OR UPLOAD? OR CONVEY?) (5W) (MESSAG- E? ? OR MAIL OR EMAIL) (5W)S6:S7
S18	35	S17 AND (S1 OR S5)
S19	31	S18 NOT (S8 OR S12 OR S16)
S20	2251	(BROADCAST??? OR MULTICAST??? OR MULTI()CAST???) (5N) (MESSA- GE? ? OR MAIL OR EMAIL)
S21	3	S20(5W)S6:S7
S22	70327	(FORWARD??? OR ROUT??? OR TRANSFER? OR TRANSMIT? OR TRANSM- MISSION OR COMMUNICAT? OR DISTRIBUT? OR CONVEY? OR RELAY??? OR DELIVER? OR SEND??? OR SENT OR UPLOAD? OR CONVEY?) (5N) (MESSAG- E? ? OR MAIL OR EMAIL)
S23	164	S22(5W)S6:S7
S24	129	S23 NOT (S8 OR S12 OR S16 OR S19 OR S21)
S25	9	S24 AND (S1 OR S5)
S26	48	S24 AND IC=G06F
S27	52	S25:S26
S28	10827	PAGER? ?
S29	235713	FAX OR FACSIMILE? ? OR FASCIMILE? ?
S30	512	S28 AND S29
S31	93	S1 AND S30
S32	91	S31 NOT (S8 OR S12 OR S16 OR S19 OR S21 OR S27)
S33	23	S32 AND S5
S34	4628	(DIFFERENT OR SEPARATE OR MULTIPLE OR MULTIPLICITY OR PLUR- AL? OR VARIETY OR ASSORTED OR ASSORTMENT OR VARIOUS) (5W) (PROT- OCOL? ? OR PLATFORM? ?)
S35	152	S1 AND S34
S36	43	S5 AND S35
S37	42	S36 NOT (S8 OR S12 OR S16 OR S19 OR S21 OR S27 OR S33)



8/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07301218 \*\*Image available\*\*  
CENTRALIZED CONTROL SYSTEM

PUB. NO.: 2002-251687 [JP 2002251687 A]  
PUBLISHED: September 06, 2002 (20020906)  
INVENTOR(s): UEDA SHOGO  
FUKUOKA HISAHIRO  
HAGIO HIROSHI  
APPLICANT(s): SHIN MEIWA IND CO LTD  
APPL. NO.: 2001-049803 [JP 200149803]  
FILED: February 26, 2001 (20010226)  
INTL CLASS: G08B-025/08; G05B-023/02; H04M-011/00; H04Q-009/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To prevent the line of a central monitor from being closed for a long time due to the **simultaneous transmission** of abnormality **notification** signals from terminal **units** in the respective districts in a centralized control system wherein the central monitor and a plurality of terminal units are connected through the general public line.

SOLUTION: Upon receiving the abnormality **notification** signals S1 of the same contents from a plurality of terminal units 11, 12 provided at manhole pumping stations 21, 22 when a power failure occurs in a wide area, the central monitor 5 confirms whether the terminal units 13, 14 which have not yet transmitted are in the **notification** stand-by state, and cancels in advance the transmission of the abnormality **notification** signals S1 of the terminal units 13, 14 in the case they are in the stand-by state.

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8/5/2 (Item 2 from file: 347)  
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07301218 \*\*Image available\*\*  
SERVER APPARATUS

PUB. NO.: 2002-169698 [JP 2002169698 A]  
PUBLISHED: June 14, 2002 (20020614)  
INVENTOR(s): KOBAYASHI YASUYUKI  
APPLICANT(s): HITACHI KOKUSAI ELECTRIC INC  
APPL. NO.: 2000-367096 [JP 2000367096]  
FILED: December 01, 2000 (20001201)  
INTL CLASS: G06F-009/46; G06F-013/00; G06K-017/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To improve processing efficiency with enabling a server apparatus to **simultaneously communicate** with a plurality of client **devices**.

SOLUTION: In a server apparatus 10 to communicate information with a plurality of client devices 11, 12 via a network 13, communication thread modules 11a, 12a are dynamically generated and released at every client device 11, 12 based on the demands from an application 15 to **notify** transmitting information of active communication thread modules to the application 15, so that it becomes possible for the application 15 to exchange information with the client devices 11, 12 via the modules 11a, 12a needed.

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8/5/3 (Item 3 from file: 347)

WALOG(R) File 347:JAPI

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07216041 \*\*Image available\*\*

INFORMATION DISTRIBUTION SYSTEM, INFORMATION DISTRIBUTION APPARATUS,  
INFORMATION PROCESSING UNIT AND INFORMATION DISTRIBUTION METHOD

PUB. NO.: 2002-084480 [JP 2002084480 A]

PUBLISHED: March 22, 2002 (20020322)

INVENTOR(s): YOSHIDA TOMOHIKO

ITO KAZUNORI

WATANABE YOJI

APPLICANT(s): AIWA CO LTD

APPL. NO.: 2000-270392 [JP 2000270392]

FILED: September 06, 2000 (20000906)

INTL CLASS: H04N-005/765; G06F-012/00; G11B-027/36; H04N-007/08;  
H04N-007/081; H04N-007/16; H04N-007/173

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an information distribution system that allows information processing units to individually acquire unrecorded electronic information contents even when the recordable recording capacity of the information processing units is deficient at simultaneous data distribution in the case that the data of the electronic information contents are **simultaneously distributed** to the information processing units each having a prescribed storage capacity.

SOLUTION: The information distribution system of this invention utilizes existing broadcasting or communication framework to distribute data of optional electronic information contents D1 and has a monitor function that detects whether all the electronic information contents D1 are recorded, and is provided with recording and reproducing devices 20 each having a prescribed storage capacity and an information distributor 1 that simultaneously distributes data of the electronic information contents D1 to the recording and reproducing devices 20. The information distributor 1 individually distributes the data of unrecorded electronic information contents D1 on the basis of a **notice** from each of the recording and reproducing devices 20.

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8/5/4 (Item 4 from file: 347)

WALOG(R) File 347:JAPIO

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06833412 \*\*Image available\*\*

SATELLITE COMMUNICATION TRANSMISSION STATION DEVICE UPDATING SYSTEM

PUB. NO.: 2001-060906 [JP 2001060906 A]

PUBLISHED: March 06, 2001 (20010306)

INVENTOR(s): YAMAMOTO YOSHIKI

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD

APPL. NO.: 11-235140 [JP 99235140]

FILED: August 23, 1999 (19990823)

INTL CLASS: H04B-007/15; H04H-001/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To **simultaneously** and inexpensively update-control plural **transmission** station **devices** in a satellite communication network through the use of satellite communication.

SOLUTION: When reception data is inputted from a reception device 21, a control data analysis part 221 discriminates whether it is update data or not based on PMT and PID. A control data format conversion part 221b converts update data into a format used in the inter-device communication of a transmission station. Update data which is format-converted is transferred to a program encoder to be updated through an inter-device

communication part 21c data judgment part accumulates only device update data in a self- device data accumulation device. The program judgment part reads data and **inform** a program update part of which device is to be updated.

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8/5/5 (Item 5 from file: 347)

DIALOG(R) File 347:JAPIO

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06623463 \*\*Image available\*\*

MANAGEMENT SERVER DEVICE AND ACCESS SERVER DEVICE

PUB. NO.: 2000-209274 [JP 2000209274 A]

PUBLISHED: July 28, 2000 (20000728)

INVENTOR(s): TANIGAWA KEIKO

TSUKADA KOJI

HOSHI TORU

APPLICANT(s): HITACHI LTD

APPL. NO.: 11-011479 [JP 9911479]

FILED: January 20, 1999 (19990120)

INTL CLASS: H04L-012/56; H04L-012/66; H04M-003/00; H04M-003/36

#### ABSTRACT

PROBLEM TO BE SOLVED: To improve voice quality by periodically collecting a data communication situation from each voice data relay device, processing collected information, deciding a preservation band to be used for voice stream relay among the voice data **relay devices** and **simultaneously announcing** decided preservation band information to each voice data relay device.

SOLUTION: A management server device obtains days of week information at present, retrieves information of the applying time band of the applying day of the week in a traffic management table 1209, comparing a data accumulation band relayed by an access server device with the obtained band and updates a band value in the applying time band of the traffic management table 1209. Furthermore, relay start and end times and the usage band included in relay information and IP address information of relay destination voice data relay device are obtained and stored temporarily. After the execution of a series of processings, the preservation band value in the applying time band of the applying day of the week is calculated and updated, and then a series of processings are repeated until communication management end is indicated.

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8/5/6 (Item 6 from file: 347)

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06124937 \*\*Image available\*\*

EMERGENCY ALARM DEVICE

PUB. NO.: 11-066474 [JP 11066474 A]

PUBLISHED: March 09, 1999 (19990309)

INVENTOR(s): ATSUMI JUSAKU

APPLICANT(s): ATSUMI ELECTRON CORP LTD

APPL. NO.: 09-226797 [JP 97226797]

FILED: August 22, 1997 (19970822)

INTL CLASS: G08B-025/08; G08B-013/00; G08B-013/196

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an image **transmitting** device which can perform the **simultaneous** and mutual **communication** among plural center **devices**.

CONSTITUTION: This image transmitting device 1 has two circuit control parts 31 and 32 which are connected to the telephone lines L. Thereby, even if the device 1 is accessed by a certain center device while the device 1 is giving some **notification** to another center device via the part 31, the access is accepted by the part 32 and the processing requested by a controller 2 can be executed.

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8/5/11 (Item 11 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03750253 \*\*Image available\*\*  
SIMULTANEOUS COMMUNICATION SYSTEM

PUB. NO.: 04-115353 [JP 4115353 A]  
PUBLISHED: April 16, 1992 (19920416)  
INVENTOR(s): KUNIYOSHI SHUICHI  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 02-236551 [JP 90236551]  
FILED: September 05, 1990 (19900905)  
INTL CLASS: [5] G06F-015/16  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1399, Vol. 16, No. 371, Pg. 40,  
August 10, 1992 (19920810)

#### ABSTRACT

OBJECT: To check the processing states of plural slave devices and to execute simultaneous communication by providing this simultaneous communication system with a monitoring line processing state display means for connecting respective slave devices to a master device in common and a slave monitoring means.

CONSTITUTION: When a simultaneous communication control part 4 in a master device 1 sends a **simultaneous communication** command to plural slave devices 2 through a system bus 3, respective processing status display means 7 in respective slave devices 2 are turned on by information outputted from processing parts 5 or turned off by the command processing end of the processing parts 5 and send their ON/OFF states to the monitoring line 6. If anyone of the slave devices 2 is turned on, a slave monitoring means 8 in the device 1 transmits the ON state to the control part 4, and during the existence of the slave device in the ON state, does not send the succeeding simultaneous communication command. When the processing end of the final slave device 2 is **informed** to the control part 4 by the means 8, the control part 4 sends the succeeding simultaneous communication command. Thereby, simultaneous communication is efficiently executed without consuming useless time.

8/5/12 (Item 12 from file: 347)  
DIALOG(R)File 347:JAPIO  
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0411598 \*\*Image available\*\*  
REMOTE MONITORING DEVICE

PUB. NO.: 04-106698 [JP 4106698 A]  
PUBLISHED: April 08, 1992 (19920408)  
INVENTOR(s): YOSHINAGA TAKASHI  
ITO YUMIKO  
APPLICANT(s): HITACHI BUILDING SYST ENG & SERVICE CO LTD [457860] (A  
Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 02-224221 [JP 90224221]  
FILED: August 28, 1990 (19900828)  
INTL CLASS: [5] G08B-025/08; H04Q-009/00

JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 22.3 (MACHINERY -- Control & Regulation)  
JOURNAL: Section: P, Section No. 1393, Vol. 16, No. 348, Pg. 135, July 28, 1992 (19920728)

#### ABSTRACT

**PURPOSE:** To prevent the occurrence of such a case that a talking device on a monitoring side is left connected with a telephone line by ringing a **warning** means in an interlocking way with the output of the time-up signal of a timer and, at the same time, displaying the actuated state of a connection controlling means.

**CONSTITUTION:** When a speech requesting signal is transmitted from one of terminal devices 1a-1n provided on a building side, the attendant of a monitoring center 3 connects a talking device 5 on the monitoring side to a telephone line 2 by actuating a connection controlling means 11 and conversation is made between one of talking devices 4a-4n on the monitored side and the device 5 through the telephone line 2. When the attendant **simultaneously** answers to speech requesting signals **sent** from the devices 1a-1n, the attendant actuates timers 15a-15m at the center 3. The timers 15a-15m respectively output time-up signals after fixed time has elapsed and **warning** means 16 and 16a start ringing in an interlocking way with the output of the time-up signals. At the same time, a displaying means 14 also displays the actuated state of the means 11 in an interlocking way with the time-up signals so as to call upon the attendant to operate talking end buttons 18a-18m. Therefore, the occurrence of such a case that the device 5 is left connected with the telephone line 2 for a long time after the talking is completed between the talking devices can be eliminated.

8/5/13 (Item 13 from file: 347)

DIALOG(R) File 347:JAPIO

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03248933 \*\*Image available\*\*

CONSTITUTION CONTROL SYSTEM

Pub. NO.: 02-224433 [JP 2224433 A]  
PUBLISHED: September 06, 1990 (19900906)  
INVENTOR(s): MUNAKATA KOICHI  
SAKAIDA YOSUKE  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 01-043034 [JP 8943034]  
FILED: February 27, 1989 (19890227)  
INTL CLASS: [5] H04L-012/40  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy)  
JOURNAL: Section: E, Section No. 1005, Vol. 14, No. 533, Pg. 31, November 22, 1990 (19901122)

#### ABSTRACT

**PURPOSE:** To decrease probability that packet data is transmitted continuously from an optional device by making preferential correction data to be added to packet data to be sent continuously to an acquired transmitter into the pattern of the lowest priority when the transmitter is acquired.

**CONSTITUTION:** In one of the devices 1, after the completion of the transfer of the packet data, in the case where the continuous packet data remains still in a data sending circuit 14, an **informed** preferential correction data generation circuit 16 generates the preferential correction data of the pattern to give the lowest priority, and supplies it to an address circuit 13, and indicates the acquisition of a sending right by turning V in a decision circuit 15 into '1'. Therefore, when the packet data is **sent simultaneously** from plural devices 1, the logical value of each bit of the data fetched from a bus line 2 is controlled by the logical value of the preferential correction data of the highest priority.

thus, the priority the transmission between respective devices is averaged better.

8/5/14 (Item 14 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03208354 \*\*Image available\*\*  
SIMULTANEOUS NOTIFICATION SYSTEM

PUB. NO.: 02-183854 [JP 2183854 A]  
PUBLISHED: July 18, 1990 (19900718)  
INVENTOR(s): FURUYA TSUKASA  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 01-005121 [JP 895121]  
FILED: January 11, 1989 (19890111)  
INTL CLASS: [5] G06F-013/38  
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)  
JOURNAL: Section: P, Section No. 1114, Vol. 14, No. 465, Pg. 29,  
October 09, 1990 (19901009)

#### ABSTRACT

PURPOSE: To obviate an excess clock from being used by using a transfer cycle to execute data exchange by  $\geq$  two continuous basic clocks and an information cycle, which is set between these **transfer** cycles, to **send simultaneous notification** information from a certain unit to all the units connected to a bus.

DESCRIPTION: Address information are the storing address of data to a main memory unit and a unit address for identifying the unit to an input/output unit. When this address timing uses one basic clock, plural clocks following this basic clock go to be data timing. However, a control signal to directly instruct the data timing is not always needed. Instead of the control signal, end timing to display the end of the data timing is needed as the engagement of the bus transfer timing. In order to send the simultaneous **notification** information, one basic clock is used after this transfer cycle is finished. Namely, during one clock after the end timing, an address data line transmits the simultaneous **notification** information. Thus, generation of the transfer cycle for executing simultaneous **notification** is obviated.

8/5/19 (Item 19 from file: 347)  
DIALOG(R)File 347:JAPIO  
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01864132 \*\*Image available\*\*  
MULTI-DIMENSION CONNECTING SYSTEM

PUB. NO.: 61-078232 [JP 61078232 A]  
PUBLISHED: April 21, 1986 (19860421)  
INVENTOR(s): MURASE ATSUSHI  
IMAMURA KENJI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 59-199546 [JP 84199546]  
FILED: September 26, 1984 (19840926)  
INTL CLASS: [4] H04B-007/24; H04J-003/00  
JAPIO CLASS: 44.2 (COMMUNICATION -- Transmission Systems)  
JOURNAL: Section: E, Section No. 432, Vol. 10, No. 251, Pg. 5, August 28, 1986 (19860828)

#### ABSTRACT

PURPOSE: To **inform** inhibition of transmission by each group even when terminal devices of  $\geq 2$  groups **transmit** a preamble signal at the **same time** by dividing terminal **devices** into plural groups and assigning a

preamble signal of different frequency to each group.

CONSTITUTION: Since a different frequency is assigned to a preamble signal at each group of a terminal device, each terminal device adds a preamble signal having a frequency decided to the own group and transmits information in a common carrier wave in transmitting the information. When a central processing unit 9 receives the signal, the unit 9 uses band pass filters 15(sub 1)-15(sub n) and signal detection sections 16(sub 1)-16(sub n) of a multiple address connection control section 14 so as to identify to which group of terminal device the signal belongs. A control signal generating section 17 detecting one or plural groups of preamble signals selects the said group when the preamble signal is 1 and selects any group when the signals are plural and transmits a busy signal corresponding to each group

8/5/20 (Item 20 from file: 347)

DIALOG(R)File 347:JAPIO

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01637747 \*\*Image available\*\*

TRANSMISSION CONTROL METHOD

PUB. NO.: 60-116247 [JP 60116247 A]

PUBLISHED: June 22, 1985 (19850622)

INVENTOR(s): NISHIDA KAZUO

IGUCHI JUN

TANIE KATSUNORI

NAKAMURA SHINJI

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 58-223644 [JP 83223644]

FILED: November 28, 1983 (19831128)

INTL CLASS: [4] H04L-011/00; H04B-003/54

JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 44.2 (COMMUNICATION -- Transmission Systems)

JOURNAL: Section: E, Section No. 353, Vol. 09, No. 270, Pg. 153, October 26, 1985 (19851026)

#### ABSTRACT

PURPOSE: To decrease the inquiry time, to simplify the operation and to improve the correspondence by transmitting a test instruction with a single control signal when an inquiry request is generated in a transmission control method where control signals are transmitted mutually.

CONSTITUTION: Blural devices 14-16 capable of mutual communication and a control terminal 17 controlling those devices are connected to a lighting distribution line 13. When a request turning on an electric appliance 18 of the device 14 at OFF state is generated, the control terminal 17 generates a control signal, changes the mode to the ON state and displays the result on a monitor. If the monitor display is different, a test instruction is generated from an instruction switch 24 and transmitted simultaneously to the devices. The devices 14-16 receiving the control signal of the test instruction check the ON/ OFF state of the own electric appliances 18-20, inform it to the control terminal 13 and correct the monitor display.

8/5/21 (Item 21 from file: 347)

DIALOG(R)File 347:JAPIO

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01127447 \*\*Image available\*\*

DATA COMMUNICATION SYSTEM

PUB. NO.: 58-064847 [JP 58064847 A]

PUBLISHED: April 18, 1983 (19830418)

INVENTOR(s): ITO NOBORU

APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 56-163342 [JP 81163342]  
FILED: October 13, 1981 (19811013)  
INTL CLASS: [3] H04L-011/20  
CLASS: 44.3 (COMMUNICATION -- Telegraphy)  
JOURNAL: Section: E, Section No. 186, Vol. 07, No. 158, Pg. 1, July 12, 1983 (19830712)

#### ABSTRACT

PURPOSE: To economically transmit data in a premises via telephone pair lines installed in the premises, by providing a folding device connected with a plurality of communication devices with two-line type semiduplex lines and the communicating device connected to data devices.  
CONSTITUTION: A communication device 21 adds an address and a check code of a data device 11 to a data received from a data device 11 for packet. The device 21 transmits the packet to a device 400 via a two-line type semiduplex line 31 except during the reception of packet from a folding device 400. The device 400 makes only the packet effective, which reaches the device 400 fastest when the transmission of packet is started almost at the same time from some communication devices, folds back the packet to the other communication devices, rejects the reception of packets arrived with a delay and informs the rejection of reception for the communication devices transmitting the packets. When a communication device 21 detects that the packet is addressed to the device itself, the data section of the packet is transmitted to the device 11. The other communication devices abolish the packets.

8/5/24 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
Thomson Derwent. All rts. reserv.

Image available\*\*  
No: 2002-572097/200261  
App No: N02-453358

**Data collection system has mobile unit which transmits response indicating presence of data to base station and data to base station based on receiving timing of simultaneous and designation polling signal respectively**

Patent Assignee: FUJITSU DENSO LTD (FUTD )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002199473	A	20020712	JP 2000391908	A	20001225	200261 B

Priority Applications (No Type Date): JP 2000391908 A 20001225

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002199473	A		9 H04Q-009/00	

Abstract (Basic): JP 2002199473 A

NOVELTY - A base station **transmits simultaneous** polling signal (P1) to the mobile **units**. The mobile unit transmits response indicating the presence of data to base station in the time slot assigned based on receiving timing of simultaneous polling signal. After receiving response, the base station transmits designation polling signal (P2) to mobile unit which in turn transmits data to base station based on receiving timing of signal (P2).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for data collection method.

USE - Data collection system.

ADVANTAGE - Rapidly collects necessary data from each mobile unit since a short time is sufficient for indicating data sending out presence response from mobile unit. Without stopping system operation, mobile unit existence is **notified** to base station using spare time slot.

DESCRIPTION OF DRAWING(S) - The figure shows an explanatory drawing



data collection stem. (Drawing includes non-English language text).

Polling signals (P1,P2)

pp; 9 DwgNo 1/6

Title Terms: DATA; COLLECT; SYSTEM; MOBILE; UNIT; TRANSMIT; RESPOND;  
INDICATE; PRESENCE; DATA; BASE; STATION; DATA; BASE; STATION; BASED;  
RECEIVE; TIME; SIMULTANEOUS; DESIGNATED; POLL; SIGNAL; RESPECTIVE

Derwent Class: W01

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): H04L-012/40

File Segment: EPI

8/5/25 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013996348 \*\*Image available\*\*

WPI Acc No: 2001-480563/200152

XRPX Acc No: N01-356065

**Group broadcast system for demand assignment multiple access satellite communication system, controls simultaneous broadcast of mobile units and assigns required frequency band to communication circuit based on demand**

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001177556	A	20010629	JP 99362021	A	19991221	200152 B
JP 3479971	B2	20031215	JP 99362021	A	19991221	200405

Priority Applications (No Type Date): JP 99362021 A 19991221

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001177556 A 20 H04L-012/46

JP 3479971 B2 20 H04L-012/28 Previous Publ. patent JP 2001177556

Abstract (Basic): JP 2001177556 A

NOVELTY - A mobile unit **notifies** the communication demand with other mobile units through a common control channel (11). The base station assigns a frequency band required for the communication circuit, based on the communication demand and establishes speech or data communication between the mobile units. The base station also controls simultaneous broadcast of mobile units, based on communication demand.

USE - For demand assignment multiple access (DAMA) satellite communication system.

ADVANTAGE - Allows utilization of frequency resource effectively by assigning frequency band depending on the demand.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the component of base station and mobile unit. (Drawing includes non-English language text).

Common control channel (11)

pp; 20 DwgNo 1/16

Title Terms: GROUP; BROADCAST; SYSTEM; DEMAND; ASSIGN; MULTIPLE; ACCESS; SATELLITE; COMMUNICATE; SYSTEM; CONTROL; SIMULTANEOUS; BROADCAST; MOBILE; UNIT; ASSIGN; REQUIRE; FREQUENCY; BAND; COMMUNICATE; CIRCUIT; BASED; DEMAND

Derwent Class: W01

International Patent Class (Main): H04L-012/28; H04L-012/46

International Patent Class (Additional): H04B-007/212; H04L-012/18

File Segment: EPI

8/5/26 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013298855    \*\*Image available\*\*  
WPI Acc No: 2000-470790/200041  
XRPX Acc No: N00-352035

Radio telephone base station connected with local area network, has control unit, transmitting and receiving unit to forward failure notice simultaneously to mobile telephone, by short message communication

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000174899	A	20000623	JP 98350086	A	19981209	200041 B

Priority Applications (No Type Date): JP 98350086 A 19981209

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000174899	A	9	H04M-003/00	

Abstract (Basic): JP 2000174899 A

NOVELTY - Upon detecting failure in a LAN server (109) by a LAN transmitting-and-receiving unit (103) and communication control unit (102), a notice of failure is simultaneously transmitted from these units (102,103) to a mobile telephone (107), by short message communication.

USE - For radio telephone base station connected with LAN.

ADVANTAGE - Since failure in LAN server ability is informed simultaneously to the mobile telephone, wasteful LAN access by the mobile telephone is prevented.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of radio telephone base station connected with LAN.

Communication control unit (102)

LAN transmitting-and-receiving unit (103)

Mobile telephone (107)

LAN server (109)

pp: 9 DwgNo 1/6

File Terms: RADIO; TELEPHONE; BASE; STATION; CONNECT; LOCAL; AREA; NETWORK ; CONTROL; UNIT; TRANSMIT; RECEIVE; UNIT; FORWARD; FAIL; NOTICE ; SIMULTANEOUS; MOBILE; TELEPHONE; SHORT; MESSAGE; COMMUNICATE

Derwent Class: W01; W02

International Patent Class (Main): H04M-003/00

International Patent Class (Additional): H04B-007/26; H04B-017/00;

H04L-012/24; H04L-012/26; H04L-012/28; H04L-012/46; H04M-011/00;

H04Q-003/58; H04Q-007/38

File Segment: EPI

8/5/27        (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012945204    \*\*Image available\*\*

WPI Acc No: 2000-117057/200010

XRPX Acc No: N00-088623

Method for multi-casting call notification in communication over network which can be both analog and digital and include simultaneously transmitting call notification to several communication devices

Patent Assignee: MCI WORLDCOM INC (MCIW-N)

Inventor: ARCHER M

Number of Countries: 023 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9907922	A1	19991229	WO 99US12039	A	19990528	200010 B
JP 20010638	A1	20010704	EP 99926077	A	19990528	200138
			WO 99US12039	A	19990528	
JP 200119891	W	20020702	WO 99US12039	A	19990528	200246
			JP 2000556477	A	19990528	
MX 2001000213	A1	20020101	WO 99US12039	A	19990528	200362
			MX 2001213	A	20010108	

Priority Applications (Type Date): US 98104570 A 199 5

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9967922 A1 E 36 H04L-012/00

Designated States (National): CA JP MX SG

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

EP 1112638 A1 E H04L-012/00 Based on patent WO 9967922

Designated States (Regional): BE CH DE FR GB IE IT LI NL SE

JP 2002519891 W 35 H04L-012/18 Based on patent WO 9967922

MX 2001000213 A1 H04L-012/00 Based on patent WO 9967922

Abstract (Basic): WO 9967922 A1

NOVELTY - The system can use the commonly implemented Internet Protocol (IP), e.g., through an Internet service provider (ISP) in place of standard switching. In a follow-me system a multi-media personal computer (134) can be used as the called party's forwarding number, and in other words by dialling the same telephone number one can communicate with the called party through that computer.

USE - For multi-casting call **notification** in a communication over a network.

ADVANTAGE - The system is ideally flexible and convenient and makes an attractive alternative or enhancement to presently used systems.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of the preferred communication system.

the multi-media personal computer (134)

pp: 36 DwgNo 2/6

Keywords: METHOD; MULTI; CAST; CALL; **NOTIFICATION**; COMMUNICATE;

NETWORK; CAN; ANALOGUE; DIGITAL; SIMULTANEOUS; TRANSMIT; CALL;

**NOTIFICATION**; COMMUNICATE; DEVICE

Derwent Class: W01

International Patent Class (Main): H04L-012/00; H04L-012/18

International Patent Class (Additional): H04M-003/42; H04M-003/527

File Segment: EPI

8/5/29 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012109849 \*\*Image available\*\*

WPI Acc No: 1998-526761/199845

KRPX Acc No: N98-411795

**Distributed searching system in WAN - transfers search request to all searching units connected to each other**

Patent Assignee: FUJI XEROX CO LTD (XERF )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10232805	A	19980902	JP 9752411	A	19970220	199845 B

Priority Applications (No Type Date): JP 9752411 A 19970220

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 10232805 A 16 G06F-012/00

Abstract (Basic): JP 10232805 A

The system consists of several searching units (4) connected together. An input unit (6) receives a search request and transfers it to the searching unit. The searching units search for information that correspond to the search request.

After completion of search, the result is **notified** to the requesting origin through an output unit (11) and at the **same time** the request is **sent** to all other searching **units** connected in the system. The search result of all the searching units are also **notified** to the requesting origin.

ADVANTAGE - Reduces load on network and on individual searching unit. Reduces time for information retrieval. Provides quicker search

for new informatio

Dwg.3/13

Title Terms: DISTRIBUTE; SEARCH; SYSTEM; WAN; TRANSFER; SEARCH; REQUEST;  
SEARCH; UNIT; CONNECT  
Index Terms/Additional Words: WIDE; AREA; NETWORK  
Derwent Class: T01  
International Patent Class (Main): G06F-012/00  
International Patent Class (Additional): G06F-013/00; G06F-017/30  
File Segment: EPI

8/5/30 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011441143 \*\*Image available\*\*

WPI Acc No: 1997-419050/199739

XRFX Acc No: N97-348934

Remote control time correction appts for electronic devices equipped with  
clock - has first communication device to broadcast standard time to  
second communication device of all electronic devices simultaneously

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7288877	A	19951031	JP 9478346	A	19940418	199739 B

Priority Applications (No Type Date): JP 9478346 A 19940418

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 7288877	A	6		

Abstract (Basic): JP 7288877 A

The correction appts (10) has a first communication device (103), a  
time administration device (202), a standard time acquisition part  
(100) and a standard time **notification** part (101).

The first communication device broadcasts the standard time to a  
second communication device (200) of several electronic devices (20,30)  
simultaneously. The electronic device is also equipped with a clock  
display unit (201), a time administration unit (202) and a time  
correction unit (203).

ADVANTAGE - Corrects time of clock provided in all electronic  
devices correctly and simultaneously. Reduces design cost of whole  
system.

Dwg.1/5

Title Terms: REMOTE; CONTROL; TIME; CORRECT; APPARATUS; ELECTRONIC; DEVICE;  
EQUIP; CLOCK; FIRST; COMMUNICATE; DEVICE; BROADCAST; STANDARD; TIME;  
SECOND; COMMUNICATE; DEVICE; ELECTRONIC; DEVICE; SIMULTANEOUS

Derwent Class: T01; U21; W05

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G06F-001/14; H04Q-009/04

File Segment: EPI

16/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07777605 \*\*Image available\*\*  
INFORMATION **NOTIFYING** METHOD, INFORMATION **NOTIFYING** SYSTEM, CENTRAL  
UNIT, COMPUTER PROGRAM AND RECORDING MEDIUM

PUB. NO.: 2003-271519 [JP 2003271519 A]  
PUBLISHED: September 26, 2003 (20030926)  
INVENTOR(s): MIYAHARA TOSHIYUKI  
APPLICANT(s): FUJITSU LTD  
PCT NO.: 2002-070867 [JP 200270867]  
FILED: March 14, 2002 (20020314)  
INTL CLASS: G06F-013/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an information **notifying** method, enabling a user to provide useful information without constructing a new Web **server**.

SOLUTION: According to the information **notifying** method, a central unit 1 and terminal devices 3 are connected to each other through a communication network N, and according to application information transmitted from the terminal devices 3, an electronic mail including response information generated in the central unit 1 is transmitted to the terminal devices 3. In the method, to information adding devices 2 for generating additional information to be added according to the response information, response information to be transmitted to the information adding devices 2 is extracted from the response information generated by the central unit 1 by the central unit 1. The extracted response information is transmitted to the information adding devices 2, and the information adding devices 2 generate additional information according to the response information. The generated additional information is transmitted to the central unit 1, and the central unit 1 **transmits** an electronic mail including additional information **transmitted** from **each** information adding **device** 2 and the generated response information to the terminal devices 3.

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16/5/10 (Item 10 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07393290 \*\*Image available\*\*  
COMMUNICATION NETWORK, CENTRALIZED CONTROL DEVICE, COMMUNICATION NODE  
DEVICE, AND STATE COMMUNICATION INFORMATION MUTUAL EXCHANGE METHOD USED  
THEREIN

PUB. NO.: 2002-261791 [JP 2002261791 A]  
PUBLISHED: September 13, 2002 (20020913)  
INVENTOR(s): MAENO YOSHIHARU  
APPLICANT(s): NEC CORP  
APPL. NO.: 2001-053447 [JP 200153447]  
FILED: February 28, 2001 (20010228)  
INTL CLASS: H04L-012/50; H04B-010/20

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a communication node device, which assigns node resources on a tandem communication node device surely to a bus where a bus control software of other communication node devices performs **route** calculation and can set a bus.

SOLUTION: When an optical bus across a **plurality** of the optical **communication** node **devices** is set, in order to enable optical bus calculation considering the amount of node resources which can be used on the optical communication node 2 turning to a tandem and cost for ensuring

the node resources, information on the state concerning the node resources on the node device 2 arranged for performing switching process of an optical link, a wavelength channel group and an element wavelength channel and signal processing is informed to other node devices 1, 3, and a node resources state data base 23, wherein state communication information is maintained.

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16/5/12 (Item 12 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07224327 \*\*Image available\*\*  
FAMILY PERSON CARE SYSTEM, SERVER FOR FAMILY PERSON CARE, HOME TERMINAL, FAMILY PERSON CARE METHOD, MEDIUM STORING FAMILY PERSON CARE PROGRAM, AND HOME ELECTRIC APPLIANCE USAGE CONDITION MONITORING SYSTEM

PUB. NO.: 2002-092767 [JP 2002092767 A]  
PUBLISHED: March 29, 2002 (20020329)  
INVENTOR(s): DEGUCHI YUKIHIKO  
SUWABE YOKO  
YONEKURA MASA HARU  
SAGAWA TAKASHI  
APPLICANT(s): TOSHIBA CORP  
APPL. NO.: 2000-278597 [JP 2000278597]  
FILED: September 13, 2000 (20000913)  
INTL CLASS: G08B-025/04; G06F-013/00; G06F-017/40; G06F-017/60;  
G08B-025/08; H04M-011/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide technique for inferring a life state especially of an advanced age family from a usage state of a home electric appliance, and thereby automatically informing a particular site, such as a relative, a health center, or a care center through telephone, internet, or other information network when the usage state different from the ordinarily life state is observed and something unusual such as health disorder, intellectual disorder, or the like occurs by installing a communication function such as a bluetooth recently developed in the respective home electric appliances and using a system to intensively control by a home terminal.

SOLUTION: The home terminal 3 of the user's house is communicated with various home electric appliances 1A, 1B,... placed in the house 1 to store the usage state data. The stored usage state data is transmitted to a family person care server 5 through the information network 4. The family person care server analyzes the received usage state of the home electric appliance for each of the user and infers whether anything unusual occurs in the life state or not. When it is inferred that something unusual occurs, an alarm is outputted.

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16/5/16 (Item 16 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06772236 \*\*Image available\*\*  
DATA COMMUNICATION SYSTEM

PUB. NO.: 2001-005711 [JP 2001005711 A]  
PUBLISHED: January 12, 2001 (20010112)  
INVENTOR(s): NAGAI SHINTARO  
SATO MASA AKI  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD  
APPL. NO.: 11-173559 [JP 99173559]

FILED: June 21, 1999 (19990621)  
INTL CLASS: G06F-012/00; G06F-013/00; H04L-029/06; H04N-001/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To lighten a large network load resulting from the temporary transfer of a file to a client device when a file of image data is transferred between plural server devices under the control of the client device.

SOLUTION: Control modules 105 and 207 for informing the client device 100 and one server device 200 of an indication for file transfer are arranged and according to the indication reported from the client device 100, the control module 207 on the server device 200 controls direct file transfer to the other server device 300 to permit direct transfer of a file between the server devices 200 and 300.

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16/5/18 (Item 18 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06658712

#### METHOD AND EQUIPMENT FOR MULTIACCESS IN COMMUNICATION SYSTEM

PUB. NO.: 2000-244535 [JP 2000244535 A]  
PUBLISHED: September 08, 2000 (20000908)  
INVENTOR(s): MOERDER KARL E  
CARNEAL BRUCE L  
APPLICANT(s): TACHYON INC  
APPL. NO.: 11-206315 [JP 99206315]  
FILED: July 21, 1999 (19990721)  
PRIORITY: 93622 [US 9893622], US (United States of America), July 21, 1998 (19980721)  
330102 [US 99330102], US (United States of America), June 10, 1999 (19990610)  
INTL CLASS: H04L-012/28; H04B-007/204

#### ABSTRACT

PROBLEM TO BE SOLVED: To realize advantageous utilizing of a system resource and the delay of an allowable range by transmitting a data block to the hub station from a remote unit through a contention type access communication resource and transmitting an information message and a data block to the hub station from the remote unit through a non-contention type access channel.

SOLUTION: Whenever the remote unit first tries to access to a system by way of the contention type access communication resource through the use of the reserved block of a resource, the unit informs the hub station. Because of information to the hub station, the hub station can accurately know the occurrence of collision (or another fault mode) and can prescribe the remote unit involved in this collision. When a collision occurs, the hub station assigns a resource in the non-contention type access communication resource at the time of resending the data block to each remote unit involved in the collision.

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16/5/20 (Item 20 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06113725 \*\*Image available\*\*  
METHOD FOR DISTRIBUTION ELECTRONIC FILE

PUB. NO.: 11-055258 [JP 11055258 A]

PUBLISHED: February 1999 (19990226)  
INVENTOR(s): NAGURA TAKESHI  
KONDO YASUSHI  
TANAKA TOSHINORI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT>  
APPL. NO.: 09-213234 [JP 97213234]  
FILED: August 07, 1997 (19970807)  
INTL CLASS: H04L-012/18; H04M-003/42; H04M-003/42; H04M-011/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To shorten a time required for distribution at the time of **transmitting** an electronic file from one device ( **server** ) to **plural devices** (clients) by using a radio line.

SOLUTION: This method is constituted of a **server** and plural clients which receive an electronic file transmitted from the **server** through a line switching type radio line, wherein the **server** constitutes plural groups using a group n which N (N is a natural number) pieces of clients are arranged like a tree as a basic unit. The **server** recognizes a client which receives the electronic film first in each group as a leader client, and the **server** distributes the electronic file to each leader client with **notification** of a distribution path. Each leader client distributes the electronic file to the clients belonging to its own group based on the above path while each client distributes the electronic file to the clients based on the distribution path communicated from the transmission originating client with **notification** of distribution path.

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16/5/21 (Item 21 from file: 347)  
DIALOG(R)File 347:JAPIO  
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\*\*\*Image available\*\*\*  
INTERNETED NETWORK COMPUTING SYSTEM, INFORMATION EXCHANGE METHOD USED FOR THE SYSTEM, COMPUTER READABLE STORAGE MEDIUM STORING THE METHOD AND AND INFORMATION EXCHANGE

PUB. NO.: 10-327197 [JP 10327197 A]  
PUBLISHED: December 08, 1998 (19981208)  
INVENTOR(s): UCHIUMI MASAKI  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 09-364036 [JP 97364036]  
FILED: December 17, 1997 (19971217)  
INTL CLASS: [6] H04L-012/66; G06F-013/00; G06F-013/00; H04L-012/24; H04L-012/26  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION PROCESSING -- Memory Units)  
JAPIO KEYWORD: R102 (APPLIED ELECTRONICS -- Video Disk Recorders, VDR); R108 (INFORMATION PROCESSING -- Speech Recognition & Synthesis); R130 (ELECTRIC COMMUNICATIONS -- Pocket Bell Paging Devices); R139 (INFORMATION PROCESSING -- Word Processors)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide the service in response to communication capability of a communication infrastructure and to allow the system to cope with data change even in the case that application services in response to different terminal processing capabilities and pluralities of communication infrastructures are in existence in mixture under a network environment where various terminals are in existence.

SOLUTION: An information exchange 10 is provided to a **server** computer 1 so that service information provided as application service based on terminal attribute is converted into information of a prescribed form based on the attribute of terminal information and the information is **transmitted**. A relative difference of processing capability of **various terminal devices** 31, 41, 51 is absorbed for the provision of the



prescribed applicatio the terminal device conducts . rmation exchange into a prescribed form based on the attribute of a communication network to which the terminal device is connected and the information is sent. Furthermore, even when original data are changed, the revised information is **informed** to the various terminal devices 31, 41, 51 for **notice** /transfer control processing, the terminal device copes with the revised data.

16/5/23 (Item 23 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05834114 \*\*Image available\*\*  
INFORMATION TRANSMISSION SYSTEM AND METHOD

PUB. NO.: 10-117214 [JP 10117214 A]  
PUBLISHED: May 06, 1998 (19980506)  
INVENTOR(s): TOMURA MOTOHISA  
ITO MASAKI  
YAMADA TATSUJI  
APPLICANT(s): N T T DATA TSUSHIN KK [000000] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 09-217297 [JP 97217297]  
FILED: August 12, 1997 (19970812)  
INTL CLASS: [6] H04L-012/56; G06F-013/00; H04L-029/08; H04N-007/173  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 44.6 (COMMUNICATION -- Television); 45.2 (INFORMATION PROCESSING -- Memory Units); 45.9 (INFORMATION PROCESSING -- Other)

#### ABSTRACT

PROBLEM TO BE SOLVED: To improve the quantity of information, when the data which are continuos in terms of time are transmitted by estimating the time needed for the end of transmission/reception of the specific data from the time spared for both transmitting and receiving devices and controlling the transmitting device to end the transmission/reception of the specific data.

SOLUTION: The data on the unit quantity size-unit are **transmitted** iteratively to a client from a **server** for **every unit** time t(sub -)cycle. The client measures the time t(sub -)echo and t(sub -)recv needed for the standby for reception and reception of data in every unit time cycle and then **notifies** the **server** of these measured times, when the next cycle starts. The **server** measures the time t(sub -)send and t(sub -)recv needed for the transmission of data and read of data in every cycle. Then the **server** calculates the time t(sub -)limit that is available for transmission of the unit quantity data, based on the **notification** data and the measurement data on the preceding cycle when a next cycle starts (S22) and transmits the unit quantity data within a time t(sub -)limit (S25). The unit quantity data are fractionated into (n) pieces of segment data of size(sub -)unit/n quantity, and a transmission (S31) and a pause (S34) of every segment data are repeated (n) times within the useable time t(sub -)limit.

16/5/24 (Item 24 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05636631 \*\*Image available\*\*  
DATA DISTRIBUTION SYSTEM

PUB. NO.: 09-251431 [JP 9251431 A]  
PUBLISHED: September 22, 1997 (19970922)  
INVENTOR(s): KUMAGAI HATSUO  
APPLICANT(s): CASIO COMPUT CO LTD [350750] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-086056 [JP 9686056]  
FILED: March 15, 1996 (19960315)

INTL CLASS: [6] G06F 013/00; H04L-012/54; H04L-012/58  
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3  
(COMMUNICATION -- Telegraphy)

ABSTRACT

PROBLEM TO BE SOLVED: To transmit the data to many receivers with no delay caused despite the absence of some receivers when such data as circular mails, etc., are successively sent to plural devices in a prescribed sequence.

SOLUTION: A mail server 1 distributes a circular mail to the work stations 2 in a prescribed sequence. At the same time, the server 1 counts the time elapsed after the circular distribution. When the mail opening notification is received from a station 2 before the counted time exceeds a prescribed time, the server 1 sends the circular mail to the next station 2. If no mail open notification is received even after a prescribed time, the circular mail is also sent to the next station 2 when the prescribed time elapsed.

16/5/25 (Item 25 from file: 347)

DIALOG(R)File 347:JAPIO

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04889664 \*\*Image available\*\*

STORE-AND-FORWARD SWITCHING SYSTEM

PUB. NO.: 07-182264 [JP 7182264 A]

PUBLISHED: July 21, 1995 (19950721)

INVENTOR(s): SHIRAI YASUYUKI

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 05-325646 [JP 93325646]

FILED: December 24, 1993 (19931224)

INTL CLASS: [6] G06F-013/00; G06F-017/30; H04L-012/40; H04L-012/54;  
H04L-012/58

JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3  
(COMMUNICATION -- Telegraphy); 45.4 (INFORMATION PROCESSING  
-- Computer Applications)

ABSTRACT

PURPOSE: To dynamically and unitarily manage the addition and updating of user service without using software with a large size and a host computer with high performance even in the case of using plural store-and-forward switching devices.

CONSTITUTION: A service definition information server 1 having a service definition data storing part for storing service definition data obtained by treating service to be provided to a user a rule and a service definition data managing part for informing the service definition data read out from the service definition data storing part to a client side store-and-forward switching device 3 through a communication means and plural store-and-forward switching devices 3 each of which has a user ordering processing part for processing ordering from a user, inquiring the server 1 when necessary and providing service to the user in accordance with the inquired result are combined through a network 2.

16/5/28 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015939381 \*\*Image available\*\*

Pub. No: 2004-097222/200410

Pub. No: N04-077403

Home gateway server appliance for Internet, has audio alarm that notifies user of communication or network event and communication hub includes Ethernet controller chip and Ethernet switch chip

Patent Assignee: WEISS (WEIS-I)  
Inventor: WEISS E S  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
US 20030217110 A1 20031120 US 2002145702 A 20020516 200410 B

Priority Applications (No Type Date): US 2002145702 A 20020516

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20030217110 A1 14 G06F-015/16

Abstract (Basic): US 20030217110 A1

NOVELTY - The appliance (10) has a communication **hub** (16) that includes an Ethernet controller chip interfacing a global **communication** network. An Ethernet switch chip provides **communication** with **various** client **devices** that might be connected to a **server** appliance. An audio alarm (20) **notifies** a user of a communication or network event.

USE - Used for allowing the home computer and other networked electronic devices to communicate with one another.

ADVANTAGE - The audio alarm **informs** network related events to a user without having to use their home computer or other client device.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic of the **server** appliances components.

Home computer (12)  
Global communication network (14)  
Communication **hub** (16)  
Network **server** (18)  
Audio alarm (20)  
pp; 14 DwgNo 1/4

Title Terms: HOME; **GATEWAY** ; SERVE; APPLIANCE; AUDIO; ALARM; **NOTIFICATION**  
; USER; COMMUNICATE; NETWORK; EVENT; COMMUNICATE; **HUB** ; CONTROL; CHIP;  
SWITCH; CHIP

Derwent Class: T01; W01; W03

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): G06F-015/173

File Segment: EPI

16/5/30 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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16/5/15 \*\*Image available\*\*

Patent No: 2003-850018/200379

**Service system for remote control of household appliances and service method therefor**

Patent Assignee: LG ELECTRONICS INC (GLDS )

Inventor: LEE S S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week  
KR 2003059554 A 20030710 KR 200188420 A 20011229 200379 B

Priority Applications (No Type Date): KR 200188420 A 20011229

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
KR 2003059554 A 1 H04L-012/16

Abstract (Basic): KR 2003059554 A

NOVELTY - A service system for the remote control of household appliances and a service method therefor are provided to minimize the error generation of remote control by **notifying** conventional remote control execution history to a corresponding client in case that a command for another remote control of the same household appliance is generated.

DETAILED DESCRIPTION - A web **server** (100) operates a web site for

receiving a remote control command of each household appliance(500) through a client terminal(400) located in a remote place, controls a data transmission **server** (200) so that control data according to the received remote control command are transmitted to the corresponding household appliance(500), and continuously displays the controlled state on a web page. The data **transmission server** (200) **transmits** the control data to **each** household **appliance** (500), and records transmission history with respect to the transmitted control data. A DB **server** (300) stores the transmission history of various control data, which is recorded through the data transmission **server** (200), information associated with each client, which is inputted through the **server** (100), information about each client-classified control history, and the control data for controlling the operation of each household appliance(500).

pp; 1 DwgNo 1/10

Title Terms: SERVICE; SYSTEM; REMOTE; CONTROL; HOUSEHOLD; APPLIANCE;

SERVICE; METHOD

Derwent Class: W01

International Patent Class (Main): H04L-012/16

File Segment: EPI

16/5/34 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015368304 \*\*Image available\*\*

WPI Acc No: 2003-429242/200340

XRPX Acc No: N03-342685

**Electronic mail server forwards content of mail to forwarding address, while mail content storage notification is indicated to designated carbon copy and blind carbon copy addresses**

Patent Assignee: MINOLTA CAMERA KK (MIOC ); SHIMADA H (SHIM-I)

Inventor: SHIMADA H

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 2002211264	A1	20030213	US 2002211264	A	20020805	200340 B
JP 2001242507	A	20030228	JP 2001242507	A	20010809	200345

Priority Applications (No Type Date): JP 2001242507 A 20010809

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030033372 A1 32 G06F-015/16

JP 2003060708 A 17 H04L-012/58

Abstract (Basic): US 20030033372 A1

NOVELTY - The **server** reads the forwarding (TO) address, carbon copy (CC) and blind carbon copy (BCC) addresses and the content of mail and stores it in a memory. The content of mail is forwarded to, TO address, while mail content storage **notification** is indicated to designated CC and BCC addresses.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for program product for mail **server** .

USE - Electronic mail **server** in mail system.

ADVANTAGE - The number of electronic mails that has been broadcast in high volume is reduced. Prevents problem of confused order of **transmission** . Reduces load on the hard disk in **each** client **device** .

DESCRIPTION OF DRAWING(S) - The figure shows the configuration of the client device.

pp; 32 DwgNo 3/23

Title Terms: ELECTRONIC; MAIL; SERVE; FORWARD; CONTENT; MAIL; FORWARDING;

ADDRESS; MAIL; CONTENT; STORAGE; **NOTIFICATION** ; INDICATE; DESIGNATED;

CARBON; COPY; BLIND; CARBON; COPY; ADDRESS

Derwent Class: T01

International Patent Class (Main): G06F-015/16; H04L-012/58

International Patent Class (Additional): G06F-013/00

File Segment: EPI

16/5/37 (Item 10 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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015028965 \*\*Image available\*\*  
WPI Acc No: 2003-089482/200308  
XRPX Acc No: N03-070522

**Message transmission system e.g. e-mail system converts message included in form with response field received from client to format usable in messaging device selected by recipient**

Patent Assignee: DIALOGIC COMMUNICATIONS CORP (DIAL-N)

Inventor: SMITH C M; ST CLAIR H D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6463462	B1	20021008	US 99241807	A	19990202	200308 B

Priority Applications (No Type Date): US 99241807 A 19990202

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6463462	B1	31	G06F-015/163	

Abstract (Basic): US 6463462 B1

NOVELTY - A message client allows each recipient to create a suitable recipient profile. A message **server** converts the message received from client in a form including a response field into a format usable in messaging device selected by recipient and **routes** the converted message to messaging device selected by recipient. A response viewer module allows user to view message response included in response field.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for allowing a user to send a message to recipient.

USE - Message transmitting system e.g. e-mail system, voice mail system for transmitting messages between facsimile, pager, telephone communication devices such as cellular phone and portable computer connected to internet and private LAN.

ADVANTAGE - The messages are created using a universal format that is independent of the type of messaging devices used for **delivering** the messages. The system is adapted to use with **multiple** types of messaging **devices** which delivers messages and **notification** based on time of receipt, priority of information delivered and security of communication device. Allows the use of recipient rules routing profiles that are maintained by each recipient on the system.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining software routines of profile manager module.

pp; 31 DwgNo 4/22

Title Terms: MESSAGE; TRANSMISSION; SYSTEM; MAIL; SYSTEM; CONVERT; MESSAGE; FORM; RESPOND; FIELD; RECEIVE; CLIENT; FORMAT; MESSAGING; DEVICE; SELECT; RECIPIENT

Derwent Class: T01

International Patent Class (Main): G06F-015/163

File Segment: EPI

16/5/39 (Item 12 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014854523 \*\*Image available\*\*  
WPI Acc No: 2002-675229/200272  
XRPX Acc No: N02-533882

**Establishing and maintaining a connection between users communication devices via a public data network, has communication device and terminal arranged so as to establish data transfer link between them**

Patent Assignee: MAXNETWALL COMPUTERS OY (MAXN-N)

Inventor: HUKKANEN V J

Number of Countries: 101 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200273892	A1	20020919	WO 2002FI133	A	20020218	200272 B
EP 1366601	A1	20031203	EP 2002700302	A	20020218	200380
			WO 2002FI133	A	20020218	

Priority Applications (No Type Date): FI 2001297 A 20010216

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200273892 A1 E 28 H04L-012/28

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU  
ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

EP 1366601 A1 E H04L-012/28 Based on patent WO 200273892

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200273892 A1

NOVELTY - Arrangement has communication device (MSA, MSB) mobile station e.g. mobile phone, and terminal (DTA, DTB), PC workstation or set-top box, arranged to establish data **transfer** link between them. Each communication device reports itself by sending, via data link, certain identifier and sends call via data link. Each terminal sends to **server** (220) an identifier received from communication device and at the same time its own network address and **notifies** communication device about call received from **server**.

DETAILED DESCRIPTION - The **server** (220) has a register (REG) for storing identifiers of reported communication devices (MSA, MSB) and network addresses of terminals (DTA, DTB) for the purposes of finding out the reachability of communication devices. The **server** is arranged to send network address of a terminal to another terminal in order to establish a network connection between the terminals. An INDEPENDENT CLAIM is included for a method for establishing and maintaining a connection, between two communication devices.

USE - For establishing and maintaining a connection between users' communication devices via a public data network

ADVANTAGE - Widens communication chances using ordinary commercial communication devices, communication device is registered at data network **server** automatically as soon as device is in vicinity of terminal so no user action needed, communication device **alerts** for call coming via data network so user does not need to actively monitor communication device, user can move about during connection, when communication device is phone, Internet can be used to transfer speech signals so reduces phone costs.

DESCRIPTION OF DRAWING(S) - The figure shows an example of an arrangement according to the invention establishing a connection.

**Server** (220)

Mobile communication device (MSA, MSB)

Terminal (DTA, DTB)

Register for communication device identifier (REG)

pp; 28 DwgNo 2/9

Title Terms: ESTABLISH; MAINTAIN; CONNECT; USER; COMMUNICATE; DEVICE;

PUBLIC; DATA; NETWORK; COMMUNICATE; DEVICE; TERMINAL; ARRANGE; SO;

ESTABLISH; DATA; TRANSFER; LINK

Derwent Class: T01; W01; W02

International Patent Class (Main): H04L-012/28

International Patent Class (Additional): H04L-012/66; H04M-007/00;

H04Q-007/38

File Segment: EPI

DIALOG(R)File 350:Derw WPIX  
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014365178 \*\*Image available\*\*  
WPI Acc No: 2002-185879/200224

**System for providing stock information in real time through the internet**

Patent Assignee: BRAINS SQUARE CO LTD (BRAI-N)  
Inventor: HUH J W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001092924	A	20011027	KR 200015597	A	20000327	200224 B

Priority Applications (No Type Date): KR 200015597 A 20000327

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001092924	A		1 G06F-017/60	

Abstract (Basic): KR 2001092924 A

NOVELTY - A system for providing stock information in real time through the internet is provided to increase the convenience of a user by **notifying** the user of stock information through a **plurality** of **communication units** without the need for connecting to a stock information providing site.

DETAILED DESCRIPTION - A client information processing cluster(100) receives setting conditions respectively provided from a plurality of users through a **plurality** of **communication units** through a WAP(Work Analysis Program) **server** and an information terminal **server**. In addition, the client information processing cluster(100) stores the conditions in a determined memory device. A stock information analysis cluster(300) receives changing prices for stock provided from stock information providers in real time. The stock information analysis cluster(300) outputs analysis information. A condition search cluster(200) searches information provided from the stock information analysis cluster(300) and conditions provided from the client information processing cluster(100). In addition, the condition search cluster(200) provides relevant information to the users through the client information cluster(100) according to searching results.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; STOCK; INFORMATION; REAL; TIME; THROUGH

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

16/5/44 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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014203208 \*\*Image available\*\*  
WPI Acc No: 2002-023905/200203

**Chatting system using pc-room chain**

Patent Assignee: BAEK K D (BAEK-I)

Inventor: BAEK K D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001067673	A	20010713	KR 200111316	A	20010306	200203 B

Priority Applications (No Type Date): KR 200111316 A 20010306

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001067673	A		1 G06F-017/00	

Abstract (Basic): KR 2001067673 A

NOVELTY - The chatting system using the PC-room chain is provided to achieve the sound acquaintance between a man and a woman by offering the information of a partner via the chatting service of the PC-room

after checking the     < and the adult.

DETAILED DESCRIPTION - An identification device(100) checks if the client of the PC-room is a man or not, and an adult or not. If the client does not reveal the own identification or is a child, the client is denied for the chatting service. Each certified client is guided to the communication device(200)only for a man ,or to the communication device(300) only for a woman according to the sex. A main **server** (400), which includes each DB(401-406) saving the information of chain, member, waiting list, **notice** , event, and item, allows only a computer, which is permitted by comparing the IP of the connected computer with the IP of each computer of a chain DB(401), to connect. The chatting device(500) connects a man client with a woman client by using **each communication device** (200,300), and offers the chatting service using a multimedia and character.



33/5/3 (Item 1 from File: 350)  
DIALOG(R)File 350:Derwent WPIX  
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1 04380 \*\*Image available\*\*  
WPI Acc No: 2004-096221/200410  
WPIX Acc No: N04-076634

Notification message delivery method e.g. for facsimile , involves providing generated notification message to one of notification delivery units, according to corresponding device protocol of notification device type

Patent Assignee: CISCO TECHNOLOGY INC (CISC-N)  
Inventor: DODRILL L D; JOSHI S; LOCKWOOD R J; PARASU N; SPIELMAN B G  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
US 6671355 B1 20031230 US 2000629052 A 20000731 200410 B

Priority Applications (No Type Date): US 2000629052 A 20000731

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 6671355 B1 14 H04M-001/64

Abstract (Basic): US 6671355 B1

NOVELTY - A notification message which includes message information portion and subscriber information portion corresponding to notification device type, is generated using an lightweight directory access protocol (LDAP). The message is delivered to one of the notification delivery units, according to the corresponding device protocol of the notification device type.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) server ;  
(2) notification system; and  
(3) recorded medium storing notification message delivery program.

USE - For delivering notification messages to devices such as cellular phones, pager , phone indicator light, shutter dial tone, facsimile and telephone through public switch telephone network.

ADVANTAGE - Eliminates the necessity of implementing device specific protocols by the server and notification message is easily delivered to different type of notification device.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the message notification method.  
pp; 14 DwgNo 3/4

Title Terms: NOTIFICATION ; MESSAGE; DELIVER; METHOD; FACSIMILE ;  
GENERATE; NOTIFICATION ; MESSAGE; ONE; NOTIFICATION ; DELIVER; UNIT;  
ACCORD; CORRESPOND; DEVICE; PROTOCOL; NOTIFICATION ; DEVICE; TYPE  
Derwent Class: T01; W01; W02; W05  
International Patent Class (Main): H04M-001/64  
International Patent Class (Additional): G06F-015/16; H04L-012/66  
File Segment: EPI

33/5/4 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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1 04380 \*\*Image available\*\*  
WPI Acc No: 2004-088296/200409  
WPIX Acc No: N04-070668

Internet protocol-based notification method for unified messaging, involves providing notification delivery message to subscriber device, according to corresponding device protocol

Patent Assignee: DODRILL L D (DODR-I); JOSHI S (JOSH-I); LOCKWOOD R J (LOCK-I); PARASU N (PARA-I); SPIELMAN B G (SPIE-I)  
Inventor: DODRILL L D; JOSHI S; LOCKWOOD R J; PARASU N; SPIELMAN B G  
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6665378	B1	20031216	US 2000629053	A	20000731	200409 B

Priority Applications (No Type Date): US 2000629053 A 20000731

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6665378	B1	13	H04M-001/64	

Abstract (Basic): US 6665378 B1

NOVELTY - The **notification** architecture includes a **notification** process, configured for receiving **notification** messages for respective subscribers from messaging sources according to Internet protocol. The attribute information of subscriber device, is extracted from a subscriber directory. The **notification** delivery message is output to the device, according to corresponding device protocol.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) **notification** system;
- (2) computer readable medium storing; and
- (3) **notification** server .

USE - For unified messaging.

ADVANTAGE - Enables to deliver **notification** messages over a broad range of **notification** devices, such as **pager** , phone indicator light, shutter dial tone, **facsimile** and telephone.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the **notification** system.

primary mailbox (16)  
external **notification** source (20b)  
secondary mailboxes (22a-22f)  
pp; 13 DwgNo 1/4

Title Terms: PROTOCOL; BASED; **NOTIFICATION** ; METHOD; UNIFIED; MESSAGING; **NOTIFICATION** ; DELIVER; MESSAGE; SUBSCRIBER; DEVICE; ACCORD; CORRESPOND; DEVICE; PROTOCOL

Derwent Class: T01; W01; W05

International Patent Class (Main): H04M-001/64

International Patent Class (Additional): G06F-009/46; G06F-015/16;

H04L-012/66; H04M-011/00

File Segment: EPI

33/5/6 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015534013 \*\*Image available\*\*

WPI Acc No: 2003-596163/200356

XRPX Acc No: N03-475081

**Subscriber** notification preference information storing method in voice mail messaging system, involves storing notification device tag, and device attribute for non-native notification device referenced by tag

Patent Assignee: CISCO TECHNOLOGY INC (CISC-N)

Inventor: JOSHI S; LOCKWOOD R J; PANDE G; PARASU N; RAVISHANKAR G; SPIELMAN R G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6560318	B1	20030506	US 2000656840	A	20000907	200356 B

Priority Applications (No Type Date): US 2000656840 A 20000907

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6560318	B1	17	H04M-001/64	

Abstract (Basic): US 6560318 B1

NOVELTY - The **notification** attribute specifying **notification** device tag which includes information to generate a **notification** message for corresponding native **notification** device and the device

attribute specifying service provider information for non-native **notification** device referenced by the **notification** device tag, are stored in subscriber directory.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) **server** for storing subscriber **notification** preference information; and
- (2) computer readable medium storing instruction for storing subscriber **notification** preference information.

USE - For storing subscriber **notification** preference information in voice mail messaging system for transmitting **notification** message to different **notification** device such as **pager**, phone indicator light, stutter dial tone, **facsimile** and telephone connected to public switched telephone network, private branch exchange or wireless communication network.

ADVANTAGE - Delivers **notification** for unified messaging system over a broad range of **notification** devices, independent of service provider serving the **notification** device. Enables efficient management of relatively complex **notification** devices whose **notification** preference information are stored in single, unified subscriber directory.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining message **notification** process in **notification** system.

pp; 17 DwgNo 3/5

Title Terms: SUBSCRIBER; **NOTIFICATION**; PREFER; INFORMATION; STORAGE; METHOD; VOICE; MAIL; MESSAGING; SYSTEM; STORAGE; **NOTIFICATION**; DEVICE; TAG; DEVICE; ATTRIBUTE; NON; NATIVE; **NOTIFICATION**; DEVICE; REFERENCE; TAG

Derwent Class: T01; W01

International Patent Class (Main): H04M-001/64

International Patent Class (Additional): H04M-003/00

File Segment: EPI

33/5/7 (Item 5 from file: 350)

INDEX(R)File 350:Derwent WPIX

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015493566 \*\*Image available\*\*

WPI Acc No: 2003-555713/200352

XRPX Acc No: N03-441377

Personal alerting apparatus for e.g. fire detection, has controller connected to sensor for routing event detection signal along with message indicative of event, to communication device through communication network

Patent Assignee: SKINNER D N (SKIN-I); HEWLETT-PACKARD DEV CO LP (HEWP )

Inventor: SKINNER D N

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030067386	A1	20030410	US 2001971863	A	20011005	200352 B
US 6703930	B2	20040309	US 2001971863	A	20011005	200418

Priority Applications (No Type Date): US 2001971863 A 20011005

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030067386 A1 12 G08B-021/00

US 6703930 B2 H04Q-007/00

Abstract (Basic): US 20030067386 A1

NOVELTY - A sensor (102) detects occurrence of emergency/operational/ **notification** event and transmits a corresponding signal to a controller (104) which **routes** the signal along with a message indicative of the events, to a communication device (114) through a communication network (112). The communication device **alerts** the user about the nature of the event, based on the received signal.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for personal **alerting** method.

USE - For providing **alert** messages about occurrences of fire or smoke, burglary, flood, loss of electrical power, failure of appliance such as heating/ventilation/air-conditioning equipment, refrigerator, sump pump, automatic sprinkler system, medical emergency, sound of a doorbell, global positioning system (GPS) signal, ringing of telephone, reception of mail, presence of radon, water, heat, electric current, electromagnetic radiation, light, sound, motion, natural gas or carbon monoxide, low battery voltage or presence/absence of paper in a **facsimile**, to user communication device such as telephone, cellular telephone, **pager**, mobile computer, personal computer (laptop/desktop), personal digital assistant, Internet-enabled device, watch device, television through communication network such as **pager** network, telephone network, cellular network, local area network (LAN), wide area network (WAN), Ethernet, satellite network, cable network (analog/digital/integrated services digital network (ISDN)), digital subscriber line (DSL) and Internet.

ADVANTAGE - By transmitting the **alert** message including the nature of the event to the user, the user is enabled to take appropriate remedial measures in time. Also, enables transmission of **alert** message to local or remote user, in user specified mode and criteria.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of the personal **alerting** apparatus.

personal **alerting** apparatus (100)

sensor (102)

controller (104)

communication network (112)

communication device (114)

pp; 12 DwgNo 1/3

Title Terms: PERSON; **ALERT**; APPARATUS; FIRE; DETECT; CONTROL; CONNECT;

SENSE; **ROUTE**; EVENT; DETECT; SIGNAL; MESSAGE; INDICATE; EVENT;

COMMUNICATE; DEVICE; THROUGH; COMMUNICATE; NETWORK

Derwent Class: T01; W01; W05

International Patent Class (Main): G08B-021/00; H04Q-007/00

International Patent Class (Additional): G08B-001/00

File Segment: EPI

33/5/8 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015355176 \*\*Image available\*\*

WPI Acc No: 2003-416114/200339

XRPX Acc No: N03-331623

**E-mail reception alerting method in e-mail server, involves sending message to remote alerting devices for transcribing e-mail message, and alerting user about e-mail reception, independent of log-in device of user**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: MERCHANT S M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6532489	B1	20030311	US 99313527	A	19990517	200339 B

Priority Applications (No Type Date): US 99313527 A 19990517

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6532489 B1 6 G06F-015/16

Abstract (Basic): US 6532489 B1

NOVELTY - An **alerting** message is automatically transmitted to remote **alerting** devices such as telephone (131), cell-phone (132), **pager** (133), **facsimile** (134) or to alternate e-mail address (135) for transcribing an e-mail message and for **alerting** the remote user (140) about the reception of the e-mail message in the e-mail **server** (121), independent of log-in device of the user.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) e-mail server ; and
- (2) e-mail system.

USE - For alerting reception of e-mail messages in e-mail server (claimed) using local area network (LAN), wide area network (WAN), internet, etc.

ADVANTAGE - Effectively alerts the users about the reception of e-mail messages even if they are away on vacation.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of the e-mail system.

e-mail server (121)  
telephone (131)  
cell-phone (132)  
pager (133)  
facsimile (134)  
alternate e-mail address (135)  
remote user (140)  
pp; 6 DwgNo 1/1

Title Terms: MAIL; RECEPTION; ALERT ; METHOD; MAIL; SERVE; SEND; MESSAGE; REMOTE; ALERT ; DEVICE; TRANSCRIBING; MAIL; MESSAGE; ALERT ; USER; MAIL ; RECEPTION; INDEPENDENT; LOG; DEVICE; USER

Derwent Class: T01

International Patent Class (Main): G06F-015/16

File Segment: EPI

33/5/13 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013954831 \*\*Image available\*\*

Publ. No: 2001-439045/200147

Fax service method through mailbox number

Patent Assignee: SK TELECOM CO LTD (SKTE-N)

Inventor: JUNG U Y; KIM S I; KIM Y H; LEE E H; LEE S H; PARK S G; YANG J G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001002764	A	20010115	KR 9922729	A	19990617	200147 B

Priority Applications (No Type Date): KR 9922729 A 19990617

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001002764	A	1	H04B-007/26	

Abstract (Basic): KR 2001002764 A

NOVELTY - A fax service method through a mailbox number is provided to make a service subscriber receive a fax with usable receiving units such as a fax machine and a homepage, and to inform the subscriber of fax arrival.

DETAILED DESCRIPTION - A transmitter dials to a fax mailbox number of a service subscriber through a fax machine, to request fax transmission. A PGS( Pager Gateway System) of a wireless paging network searches a number band for a received call, and performs routing for the call to a corresponding UMS(Unified Message Server ). The UMS confirms whether the routed call is for fax transmission, and transmits a fax tone to receive a fax . The UMS decides a receiving system set by the subscriber. If the receiving system is to process the received fax by being connected with the fax mailbox number, the fax is stored in an FMS( Fax Mail Server ) dedicated to the fax mailbox. If the receiving system is to receive the fax to an E-mail, the received fax is converted to an image file and transmitted to an internet E-mail account of the corresponding subscriber in an E-mail attachment form.

pp; 1 DwgNo 1/10

Title Terms: FACSIMILE ; SERVICE; METHOD; THROUGH; MAILBOX; NUMBER

Derwent Class: W02

33/5/16 (Item 14 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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013393266 \*\*Image available\*\*  
WPI Acc No: 2000-565204/200052  
Related WPI Acc No: 2000-672585  
XRPX Acc No: N00-417482

Message alert system for telephonic and data communication, has message notification unit which performs selection of alert message according to which receiving devices receive message

Patent Assignee: INT THINKLINK CORP (ITTH-N)

Inventor: O'NEAL S C

Number of Countries: 020 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200045557	A1	20000803	WO 2000US1595	A	20000121	200052 B
EP 1151587	A1	20011107	EP 2000908342	A	20000121	200168
			WO 2000US1595	A	20000121	
JP 2002536878	W	20021029	JP 2000596703	A	20000121	200274
			WO 2000US1595	A	20000121	

Applications (No Type Date): US 99240435 A 19990129

Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200045557 A1 E 38 H04L-012/66

Designated States (National): JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE

EP 1151587 A1 E H04L-012/66 Based on patent WO 200045557

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

JP 2002536878 W 39 H04L-012/58 Based on patent WO 200045557

Abstract (Basic): WO 200045557 A1

NOVELTY - A message notification unit connected to local point of presence (POP) server (416) performs selection of alert message, according to which several receiving devices receive message. The notification unit (432) also filters incoming message configurable by an user.

DETAILED DESCRIPTION - A local POP server (416) is coupled to several message sending devices. The notification unit is connected to the server (416). The message sending device comprises telephone, fax machine or computer. The notification unit alerts user of received messages regardless of the type of message sending device that sends message. The user is provided with options to select one of the receiving devices to receive alert message. The POP server includes telephony server (406) and data server (416) for connecting message sending devices via telephone network and data network respectively. The receiving devices comprise pager, fax machine, telephone or e-mail address. INDEPENDENT CLAIMS are also included for the following:

(a) alerting method of user upon receipt of selected ones of several messages;

(b) message notification system

USE - For telephonic and data communication for alerting user of received messages.

ADVANTAGE - The web server allows user to configure and control telephony and data connections from any device capable of accessing the internet.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram illustrating connection of remote POP server with network operations center.

Telephony server (406)

POP server ( )  
Notification Unit (432)

pp; 38 DwgNo 4/12

Title Terms: MESSAGE; **ALERT** ; SYSTEM; TELEPHONE; DATA; COMMUNICATE;  
MESSAGE; **NOTIFICATION** ; UNIT; PERFORMANCE; SELECT; **ALERT** ; MESSAGE;  
ACCORD; RECEIVE; DEVICE; RECEIVE; MESSAGE

Derwent Class: W01

International Patent Class (Main): H04L-012/58; H04L-012/66

International Patent Class (Additional): G06F-013/00; H04L-012/28

File Segment: EPI

33/5/20 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012051039 \*\*Image available\*\*

WPI Acc No: 1998-467949/199840

KRPX Acc No: N98-364651

Electronic-mail server for message filtering and routing - has filter database with profile information about recipient, and determines which of incoming mail is critical, and call generator sets up communication with recipient using profile information

Patent Assignee: INTERVOICE LP (INTE-N)

Inventor: FRANZ R H

Number of Countries: 081 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9837680	A2	19980827	WO 98US3637	A	19980224	199840 B
AU 9866669	A	19980909	AU 9866669	A	19980224	199905
EP 963646	A2	19991215	EP 98908706	A	19980224	200003
			WO 98US3637	A	19980224	

Priority Applications (No Type Date): US 97805289 A 19970225

Cited Patents: -SR.Pub

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9837680 A2 E 18 H04M-000/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

EP 963646 A2 E H04M-001/00 Based on patent WO 9837680

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

AU 9866669 A H04M-001/00 Based on patent WO 9837680

Abstract (Basic): WO 9837680 A

The electronic mail server for receiving incoming mail from a sender and for routing the incoming mail to a recipient, has a database having profile information about the recipient and triggering criteria. A device signals the recipient in accordance with the profile information. A device correlates incoming electronic mail with the trigger criteria for determining if a particular incoming mail message is to be treated special. A device activates the signalling device upon determination of mail message that is to be treated specially.

A database controller alters both the profile information and the trigger criteria. A text-to-speech converter allows the recipient to receive the special mail message via telephone under control of the signalling device. The signalling device relays the special mail message to the recipient by activating either a telephone line, a facsimile line, a pager, a cellular telephone, an on-line computer or a LAN line.

USE - For prioritising of internet e-mail messages with automatic notification of party based upon content of e-mail message.

ADVANTAGE - Provides notification using real-time media to

recipient of urgent message. Provides automatic response to sender of urgent message after certain criteria have expired. Allows real-time adjustments of filter database and to mail box destinations. Allows back-up or supervisory personnel to be notified if primary recipient does not respond to urgent message.

Fig. 1/3

Title Terms: ELECTRONIC; MAIL; SERVE; MESSAGE; FILTER; ROUTE ; FILTER; DATABASE; PROFILE; INFORMATION; RECIPIENT; DETERMINE; INCOMING; MAIL; CRITICAL; CALL; GENERATOR; SET; UP; COMMUNICATE; RECIPIENT; PROFILE; INFORMATION

Derwent Class: T01; W01

International Patent Class (Main): H04M-000/00; H04M-001/00

File Segment: EPI

33/5/22 (Item 20 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011097756 \*\*Image available\*\*

WPI Acc No: 1997-075681/199707

XPX Acc No: N97-062885

E-mail notification via telephone or pager or facsimile system - gives rapid notice to subscriber that incoming E-mail has arrived at server

Patent Assignee: KONINK PTT NEDERLAND NV (NEPO )

Inventor: NIEUWENHUIS L J M; VAN HULTEN W M

Number of Countries: 017 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
NL 1004167	C6	19961023	NL 961004167	A	19961001	199707 B
EP 798899	A1	19971001	EP 97200893	A	19970325	199744

Priority Applications (No Type Date): NL 961002704 A 19960325

Cited Patents: DE 4221439; US 4554418; US 4713837; US 4837798; US 5155842; WO 9518501

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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NL 1004167	C6		15	H04L-012/00	
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EP 798899	A1 E		9	H04L-012/58	
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Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

Abstract (Basic): NL 1004167 C

The E-mail messages are fed via the Internet, or other E-mail network (1), to an E-mail **server** station (2). The message is stored by the **server** until read out by the subscriber. In the present system, the arrival of an E-mail causes a **notification** to be sent via the public telecommunication network (7) to a device at the subscriber's premises.

The device may be a telephone answering machine (9), a **fax** machine or a Personal Computer (10). The E-mail **server** has an electronic directory, a medium converter (4) and two network interfacing circuits (3, 6). The telecommunication network (7) includes a signal **server** (12) which provides the ringing tones.

ADVANTAGE - Relatively simple.

Fig. 3/4

Title Terms: NOTIFICATION ; TELEPHONE; PAGE; FACSIMILE ; SYSTEM; RAPID; NOTICE ; SUBSCRIBER; INCOMING; SERVE

Derwent Class: T01; W01; W05

International Patent Class (Main): H04L-012/00; H04L-012/58

File Segment: EPI



File 348:EUROPEAN PATENT 1978-2004/Mar W02  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20040318,UT=20040311  
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	658788	DEVICES OR UNITS OR APPLIANCES OR (EVERY OR EACH) (2W) (DEVICE OR UNIT OR APPLIANCE)
S2	848660	ALERT? ? OR NOTICE? ? OR NOTIFICATION? ? OR WARNING? ? OR - ANNOUNCEMENT? ? OR MESSAGE? ? OR MAIL OR EMAIL OR EVENT? ? OR DATA OR INFORMATION OR BID? ?
S3	564227	SIMULTANEOUS? OR CONCURREN? OR COINCIDENT? OR SAME()TIME
S4	2176	S1(5N)S2(5N)S3(5N)(BROADCAST??? OR MULTICAST??? OR MULTI()-CAST??? OR PUSH??? OR FORWARD??? OR ROUT??? OR TRANSFER? OR TRANSMIT? OR TRANSMISSION OR COMMUNICAT? OR DISTRIBUT? OR CONVEY? OR RELAY??? OR DELIVER? OR SEND??? OR SENT OR CONVEY?)
S5	119530	SERVER? ? OR ROUTER? ? OR GATEWAY? ? OR HUB? ?
S6	250	S4(50N)S5
S7	140670	ALERT??? OR NOTIC? ? OR NOTIFIE? ? OR NOTIFY??? OR NOTIFICATION? ? OR INFORM?? OR INFORMING OR WARN??? OR ANNOUNC?
S8	11	S4(30N)S7(30N)S5
S9	12	S4(50N)S7(50N)S5
S10	108	S4(50N)S7
S11	98	S10 NOT S9
S12	317	S11 AND IC=G06F
S13	67	S11 NOT S12

12/3,K/5 (Item 5 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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1. 4839

**Transaction notification system and method**  
**Transaktionsmeldungssystem und -verfahren**  
**Systeme et methode de notification de transactions**  
PATENT ASSIGNEE:

LUCENT TECHNOLOGIES INC., (2143720), 600 Mountain Avenue, Murray Hill,  
New Jersey 07974-0636, (US), (Applicant designated States: all)

INVENTOR:

Palmquist, John Mark, 5033 Arbor Lane, Lilburn, Georgia 30247, (US)

LEGAL REPRESENTATIVE:

Watts, Christopher Malcolm Kelway, Dr. et al (37391), Lucent Technologies  
(UK) Ltd, 5 Mornington Road, Woodford Green Essex, IG8 0TU, (GB)

PATENT (CC, No, Kind, Date): EP 1067492 A2 010110 (Basic)

EP 1067492 A3 010117

APPLICATION (CC, No, Date): EP 305196 000620;

PRIORITY (CC, No, Date): US 343813 990630

DESIGNATED STATES: DE; FR; GB; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07F-019/00; **G06F-017/60** ; G07F-007/08

ABSTRACT WORD COUNT: 251

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200102	915
SPEC A	(English)	200102	4514
Total word count - document A			5429
Total word count - document B			0
Total word count - documents A + B			5429

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION context of its use in connection with an ATM account; and

FIG. 6 is a block diagram of the transaction **notification** system of  
FIG. 1 in the context of its use in connection with a cellular telephone  
account.

Detailed Description Of The Preferred Embodiments

The transaction **notification** system of the present invention can be  
used in many different consumer account contexts and can be configured to  
**communicate messages** to a subscriber using any (or a combination  
**concurrently** ) of various different **communication devices** , both of  
which will be fully described in detail hereinafter. Generally, the  
transaction **notification** system can be viewed as providing a new method  
of doing business for those companies that provide consumer accounts or  
for telephone companies that wish to provide another service to its  
customers. Such companies can offer a transaction **notification** service  
to subscribers for a prescribed fee and bill the subscribers accordingly.  
As a result of the transaction notification system...

12/3,K/6 (Item 6 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01025707

**MULTI-PORT INTERNALLY CACHED DRAMS**  
**MULTI-PORT DRAMS MIT INTERNEN CACHE-SPEICHERN**  
**DRAM A PLUSIEURS PORTS A ANTEMEMOIRE INTERNE**  
PATENT ASSIGNEE:

Nexabit Networks, LLC, (2702350), Suite 390, 1700 W. Park Drive,  
Westboro, MA 01581, (US), (Proprietor designated states: all)

INVENTOR:

CONLIN, Richard, 32 Elm Street, Franklin, MA 02038, (US)  
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MARCONI, Peter, 5 Oak Tree Lane, Franklin, MA 02038, (US)  
CHATTER, Mukesh, 6 Gina Drive, Hopkinton, MA 01748, (US)

LEGAL REPRESENTATIVE:

Allsop, John Rowland (47682), McLeod Allsop, Bledington Grounds,  
Bledington, Glos OX7 6XL, (GB)

PATENT (CC, No, Kind, Date): EP 1015989 A1 000705 (Basic)

EP 1015989 B1 021211

WO 99005604 990204

APPLICATION (CC, No, Date): EP 98932443 980723; WO 98IB1121 980723

PRIORITY (CC, No, Date): US 901502 970728

DESIGNATED STATES: BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; NL; PT;  
SE

INTERNATIONAL PATENT CLASS: G06F-013/16

NOTE:

No A-document published by EPO

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	200250	2039
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CLAIMS B	(German)	200250	1722
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CLAIMS B	(French)	200250	2102
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SPEC B	(English)	200250	5478
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Total word count - document A	0
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Total word count - document B	11341
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Total word count - documents A + B	11341
------------------------------------	-------

INTERNATIONAL PATENT CLASS: G06F-013/16

...SPECIFICATION by providing a novel mechanism and technique for  
permitting system I/O resources to send message data to one another,  
**informing** both as to the existence of such a message and the message  
location, and then to enable extraction of the...

...A further object is to provide such an improved system wherein, through  
a novel partitioning technique, the wide system internal **data** bus is  
more efficiently used to accommodate for both small and large **units** of  
internal **data transfer**, allowing also several **simultaneous** small  
**message transfers** or single very wide **transfers**.

Other and further objects will be explained hereinafter and are more  
particularly delineated in the appended claims.

Summary

In summary...

12/3,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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DESCRIPTION

Method for handling interrupts in a high speed I/O controller

Verfahren zur Unterbrechungsbearbeitung in einer Hochgeschwindigkeits-E/A-S  
teuervorrichtung

Methode de traitement d'interruption dans un controleur d'E/S a haut debit

PATENT ASSIGNEE:

DIGITAL EQUIPMENT CORPORATION, (313085), 111 Powdermill Road, Maynard,  
Massachusetts 01754, (US), (applicant designated states:

AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Klein, Philippe, 34 Hatayasim Street, Jerusalem, 92509, (IL)

Paul, Gideon, 1235 Wildwood Avenue #250, Sunnyvale, CA 94089, (US)

Wertheimer, Aviad, 312 Vered Street, Zur Hadassa 99875, (IL)

LEGAL REPRESENTATIVE:

Goodman, Christopher et al (31122), Eric Potter Clarkson, Park View  
House, 58 The Ropewalk, Nottingham NG1 5DD, (GB)

PATENT (CC, No, Kind, Date): EP 852357 A2 980708 (Basic)

EP 852357 A3 990721

APPLICATION (CC, No, Date): EP 97309998 971211;  
PRIORITY (CC, No, Date): US 778327 970102  
DESIGNATED STATES: DE; FR; GB; IT; NL  
INTERNATIONAL PATENT CLASS: H04L-012/40; G06F-009/46 ; G06F-013/24  
ABSTRACT WORD COUNT: 118

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9828	756
SPEC A	(English)	9828	2293
Total word count - document A			3049
Total word count - document B			0
Total word count - documents A + B			3049

...INTERNATIONAL PATENT CLASS: G06F-009/46 ...

... G06F-013/24

...SPECIFICATION pulses.

For communication (or transmissions) initiated by devices, the device must signal the processor to interrupt the program flow and **alert** the operating system that an external device needs attention, much like a doorbell rings or a telephone signals that someone...

...both cases, action must be taken in a timely fashion to ensure that no signal is unintentionally disregarded and no **data** are lost, a distinct possibility that occurs when the CPU is **simultaneously communicating** with several high speed **devices**.

An I/O controller, such as a disk controller or a network controller, typically moves data between a disk subsystem...

12/3,K/8 (Item 8 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00908197

TRIPLE MODULAR REDUNDANT COMPUTER SYSTEM  
DREIFACH REDUNDANTES MODULARES RECHNERSYSTEM  
SYSTEME INFORMATIQUE REDONDANT A TROIS MODULES  
PATENT ASSIGNEE:

Resilience Corporation, (2433970), Suite 120, 1755 Embarcadero Road, Palo Alto, CA 94043, (US), (Proprietor designated states: all)

INVENTOR:

PETIVAN, James, L., Palo Alto, CA, ., (US)  
LUNDELL, Donald, C., Palo Alto, CA, ., (US)  
LUNDELL, Jonathan, K., Skull Valley, AZ, ., (US)

LEGAL REPRESENTATIVE:

Smith, Samuel Leonard (77241), J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ, (GB)

PATENT (CC, No, Kind, Date): EP 916119 A2 990519 (Basic)  
EP 916119 B1 011205  
WO 9743712 971120

APPLICATION (CC, No, Date): EP 97926550 970515; WO 97US8320 970515  
PRIORITY (CC, No, Date): US 17201 P 960516; US 37363 P 970203; US 853670 970509

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-011/18 ; G06F-001/04

NOTE:

W: A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200149	1853
CLAIMS B	(German)	200149	1651
CLAIMS B	(French)	200149	2222

SPEC B	(English)	200149	15844
word count - document A			0
Total word count - document B			21570
Total word count - documents A + B			21570

INTERNATIONAL PATENT CLASS: G06F-011/18 ...

... G06F-001/04

...SPECIFICATION for example, each processor acting in synchronism with the other processors asserts an address strobe (AS) signal. The AS signal alerts the bridge logic units of the start of a Read/Write transaction. As the Read/Write transaction progresses, each bridge logic unit sends the relevant bus signals (address, data, and control) over the backplane to its downstream neighbor. Simultaneously, each receives the corresponding information from its upstream neighbor, and compares its own local transaction information to that sent by its upstream neighbor. Likewise, each downstream neighbor bridge logic unit compares its own transaction information against that sent by...

12/3,K/9 (Item 9 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
 (c) 2004 European Patent Office. All rts. reserv.

0399296  
 METHOD AND APPARATUS FOR SYNCHRONIZING IMPLEMENTATION OF CONFIGURATION INFORMATION IN A COMMUNICATION SYSTEM  
 VERFAHREN UND VORRICHTUNG ZUR SYCHRONISIERTEN DURCHFUHRUNG VON KONFIGURATIONINFORMATION IN EINEM KOMMUNIKATIONSSYSTEM  
 PROCEDE ET APPAREIL DE SYNCHRONISATION DE LA MISE EN OEUVRE D'INFORMATIONS DE CONFIGURATION DANS UN SYSTEME DE TELECOMMUNICATIONS

PATENT ASSIGNEE:  
 MOTOROLA, INC., (205770), 1303 East Algonquin Road, Schaumburg, IL 60196, (US), (Proprietor designated states: all)

INVENTOR:  
 STARKWEATHER, James, A., 2409 Brittany Lane, Grapeving, TX 76051, (US)  
 PERDOMO, Orlando, J., 3400 Western Center Boulevard 2020, Fort Worth, TX 76137, (US)  
 RUTAN, Deborah, L., 824 Atchison Drive, Saginaw, TX 76131-4849, (US)  
 MIRIYALA, Srinivas, 2515 Heatherbrook Lane, Arlington, TX 76006, (US)

LEGAL REPRESENTATIVE:  
 Morgan, Marc et al (74603), Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL, (GB)

PATENT (CC, No, Kind, Date): EP 1015987 A1 000705 (Basic)  
 EP 1015987 B1 040114  
 WO 1997040449 971030

APPLICATION (CC, No, Date): EP 97917686 970327; WO 97US5099 970327

PRIORITY (CC, No, Date): US 636008 960422

DESIGNATED STATES: DE; FR; GB; SE

INTERNATIONAL PATENT CLASS: G06F-013/14 ; H04L-012/24; H04Q-007/34;  
 G06F-009/44

NOTE:  
 This document published by EPO  
 LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200403	551
CLAIMS B	(German)	200403	497
CLAIMS B	(French)	200403	693
SPEC B	(English)	200403	3662
Total word count - document A			0
Total word count - document B			5403
Total word count - documents A + B			5403

INTERNATIONAL PATENT CLASS: G06F-013/14 ...

... G06F-009/44

...SPECIFICATION communication devices to determine when the configuration change has become operational, subsequent to which the system controller 115 can be notified that the communication devices are operating with the new configuration.

As a result, revisions are implemented by all communication devices within the communication system 100 at the same time. This conveniently eliminates situations in which some communication devices are formatting messages using revised protocols while other communication devices are still formatting messages using outdated protocols, thereby ensuring that a roaming personal communicator does not miss messages as a result of incompatible protocols.

Referring next to FIG. 2, an electrical block diagram of...

12/3,K/10 (Item 10 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00571156

High performance channels for data processing systems

Hochleistungschanale fur Datenverarbeitungssysteme

Canaux a haute performance pour des systemes de traitement de donnees

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (Proprietor designated states: all)

INVENTOR:

Bartow, Niel George, 6497 Beaver Drive, Saugerties, NY 12477, (US)

Brown, Paul Joseph, 16 Carmen Drive, Poughkeepsie, NY 12603, (US)

Capowski, Robert Stanley, RD No.2, Box 49, Verbank, NY 12585, (US)

Fasano, Louis Thomas, 89 Spring Street, Poughkeepsie, NY 12601, (US)

Cregg, Thomas Anthony, 121 Bellevue Road, Highland, NY 12528, (US)

Salyer, Gregory, 8 Sawood Lane, Woodstock, NY 12498, (US)

Westcott, Douglas Wayne, 84 Ackert Hook Road, Rhinebeck, NY 12572, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual  
Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 557025 A1 930825 (Basic)

EP 557025 B1 020116

APPLICATION (CC, No, Date): EP 93301037 930212;

PRIORITY (CC, No, Date): US 839652 920220

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06F-013/12

ABSTRACT WORD COUNT: 191

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	2003
CLAIMS B	(English)	200203	1808
CLAIMS B	(German)	200203	1733
CLAIMS B	(French)	200203	2250
SPEC A	(English)	EPABF1	6889
SPEC B	(English)	200203	6739
Total word count - document A			8892
Total word count - document B			12530
Total word count - documents A + B			21422

INTERNATIONAL PATENT CLASS: G06F-013/12

...SPECIFICATION complex is buffered in the control unit but not written to DASD until later. Nevertheless, the central processing complex is notified by the control unit that the write operation has taken place, thereby eliminating the time delays normally associated in the...

...write operations.

Multiprocessor (MP) systems have been developed to increase throughput

by performing in parallel those operations which can **concurrently** on separate processors. Such high performance, MP **data** processing systems are characterized by a plurality of central processor **units** (CPUs) which operate independently and in parallel, but occasionally **communicate** with one another or with a main storage (MS) when data needs to be exchanged. In the type of MP...

...SPECIFICATION complex is buffered in the control unit but not written to DASD until later. Nevertheless, the central processing complex is **notified** by the control unit that the write operation has taken place, thereby eliminating the time delays normally associated in the...

...write operations.

Multiprocessor (MP) systems have been developed to increase throughput by performing in parallel those operations which can run **concurrently** on separate processors. Such high performance, MP **data** processing systems are characterized by a plurality of central processor **units** (CPUs) which operate independently and in parallel, but occasionally **communicate** with one another or with a main storage (MS) when data needs to be exchanged. In the type of MP...

12/3,K/11 (Item 11 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00441178

High performance shared main storage interface

Hochleistungsschnittstelle fur anteilig genutzten Hauptspeicher

Interface de haute performance pour memoire principale partagee

AGENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Eikill, Richard Glenn, 730 31st Street N.E., Rochester, Minnesota 55904,  
(US)

Levenstein, Sheldon Bernard, 1608 Seventh Street N.E., Rochester,  
Minnesota 55904, (US)

LEGAL REPRESENTATIVE:

de Pena, Alain et al (15151), Compagnie IBM France Departement de  
Propriete Intellectuelle, 06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 432076 A2 910612 (Basic)

EP 432076 A3 930929

EP 432076 B1 970108

APPLICATION (CC, No, Date): EP 90480175 901031;

PRIORITY (CC, No, Date): US 445320 891204

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-013/37

ABSTRACT WORD COUNT: 223

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB97	1813
CLAIMS B	(German)	EPAB97	1708
CLAIMS B	(French)	EPAB97	2174
TEC F	(English)	EPAB97	5458
Full word count - document A			0
Full word count - document B			11153
Full word count - documents A + B			11153

INTERNATIONAL PATENT CLASS: G06F-013/37

...SPECIFICATION on the previous cycle and the grant token of the current cycle.

Under the first protocol, a slave device controlling **data** bus 70 and **transmitting** working **information** to one of the master **devices**, **simultaneously** **transmits** status **information** to that master device.

The status informat is related to the working information being simultaneously transmitted, and identifies the working information as good, bad or corrected. This protocol is valid if the slave device controls the interface (i.e. data bus 70) to return data and is currently activating grant token 76.

Under the second protocol, a selected slave device notifies a master device that it needs service, i.e. is subject to internal error, trap condition, etc. This protocol is...

12/3,K/12 (Item 12 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00419153

Automatic trading method and apparatus.  
Automatisches Geschäftsverfahren und Vorrichtung.  
Methode et dispositif de commerce automatisé.

PATENT ASSIGNEE:

HITACHI, LTD., (204141), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Tanaka, Kazuaki, A306, 17-12 Yutakacho, Sagamihara-shi, Kanagawa-Ken, (JP)

Matsuki, Takeshi, 1-12-103, Sakai 4-chome, Musashino-shi, Tokyo, (JP)

Takaragi, Kazuo, Gaden-Haimu 305, 950, Kokubu, Ebina-shi, Kanagawa-ken, (JP)

LEGAL REPRESENTATIVE:

Strehl Schubel-Hopf Groening & Partner (100941), Maximilianstrasse 54, D-80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 416482 A2 910313 (Basic)  
EP 416482 A3 930324  
EP 416482 B1 951129

APPLICATION (CC, No, Date): EP 90116794 900831;

PRIORITY (CC, No, Date): JP 89227366 890904; JP 90193012 900723

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G07F-007/10; G06F-019/00 ; G06F-001/00

ABSTRACT WORD COUNT: 82

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	2016
CLAIMS B	(English)	EPAB95	1528
CLAIMS B	(German)	EPAB95	1394
CLAIMS B	(French)	EPAB95	1741
SPEC A	(English)	EPABF1	8964
SPEC B	(English)	EPAB95	9025
Total word count - document A			10981
Total word count - document B			13688
Total word count - documents A + B			24669

...INTERNATIONAL PATENT CLASS: G06F-019/00 ...

... G06F-001/00

...CLAIMS number.

26. The method of claim 5 wherein the inputting comprises registering a plurality of calling numbers of the second communication device in association with the first specified code, and the informing comprises informing the confirmation information to a plurality of second communication devices simultaneously.

27. The method of claim 5 wherein the selecting includes deciding if reconfirmation is necessary based on a value of...

12/3,K/13 (Item 13 from file: 348)



DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00376290

Data communication network for multiprocessor systems.  
Datenübertragungsnetzwerk für Multiprozessorsysteme.  
Reseau de communication de donnees pour systemes multiprocesseurs.  
PATENT ASSIGNEE:

Office National d'Etudes et de Recherches Aerospatiales (O.N.E.R.A.),  
(283990), 29 Avenue de la Division Leclerc, F-92320  
Chatillon-sous-Bagneux, (FR), (applicant designated states: DE;GB)

INVENTOR:

Cubero-Castan, Michel, 23, rue de Bougainville, F-31400 Toulouse, (FR)  
Durrieu, Guy, 136, Les Jardins de Nambours Auzielle, F-31650 Saint Orens,  
(FR)  
Lecussan, Bernard, 23, rue Latecoere, F-31130 Balma, (FR)  
Lemaitre, Michel, 16, rue des Jonquilles, F-31500 Toulouse, (FR)

LEGAL REPRESENTATIVE:

Cabinet Martinet & Lapoux (100921), BP 405, F-78055 Saint Quentin en  
Yvelines Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 366520 A1 900502 (Basic)  
EP 366520 B1 940824

APPLICATION (CC, No, Date): EP 89402842 891013;

PRIORITY (CC, No, Date): FR 8813969 881026

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: G06F-015/16 ; H04L-012/54

TRANSLATED ABSTRACT WORD COUNT: 137

ABSTRACT WORD COUNT: 163

LANGUAGE (Publication,Procedural,Application): French; French; French

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(French)	EPBBF1	1241
CLAIMS B	(English)	EPBBF1	1392
CLAIMS B	(German)	EPBBF1	1230
CLAIMS B	(French)	EPBBF1	1549
SPEC A	(French)	EPBBF1	10170
SPEC B	(French)	EPBBF1	9556
Total word count - document A			11411
Total word count - document B			13727
Total word count - documents A + B			25138

INTERNATIONAL PATENT CLASS: G06F-015/16 ...

...CLAIMS 20(sub 1)) as a function of predetermined priority instructions  
assigned to the output means in the two downstream-located **message**  
switching **devices** and to the input means (20(sub 0), 20(sub 1))  
when the two input means **simultaneously** each request a message  
**transmission** authorization to said output means (21(sub 0), 21(sub  
1)),  
means (213) for **informing** the selected input means (20(sub  
0), 20(sub 1)) that said output means (21(sub 0), 21(sub 1...)

12/3,K/14 (Item 14 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS  
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306223

Data processing apparatus for connection to a common communication path in  
a data processing system.

Datenverarbeitungsapparat zur Verbindung mit einem gemeinsamen  
Übertragungsbus in einem Datenverarbeitungssystem.

Appareil de traitement de donnees pour raccordement avec un bus de  
communication commun dans un systeme de traitement de donnees.

PATENT ASSIGNEE:

DIGITAL EQUIPMENT CORPORATION, (313080), 146 Main Street, Maynard, MA  
01754, (US), (applicant designated states: DE;FR;GB;IT;NL;SE)

INVENTOR:

Bomoda, Frank C., 295 Foster Street P.O. Box 1123, Littleton Massachusetts  
01460, (US)

Jenkins, Stephen R., 21 Mohegan Road, Acton Massachusetts 01720, (US)

LEGAL REPRESENTATIVE:

Mongredien, Andre et al (17412), c/o SOCIETE DE PROTECTION DES INVENTIONS  
25, rue de Ponthieu, F-75008 Paris, (FR)

PATENT (CC, No, Kind, Date): EP 301610 A2 890201 (Basic)

EP 301610 A3 890802

EP 301610 B1 921111

APPLICATION (CC, No, Date): EP 88201091 840921;

PRIORITY (CC, No, Date): US 534720 830922

DESIGNATED STATES: DE; FR; GB; IT; NL; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 138676

INTERNATIONAL PATENT CLASS: G06F-013/36 ; G06F-013/42

ABSTRACT WORD COUNT: 171

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	EPBBF1	1057
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CLAIMS B	(German)	EPBBF1	515
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CLAIMS B	(French)	EPBBF1	625
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SPEC B	(English)	EPBBF1	12017
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Word count - document A			0
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Word count - document B			14214
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Word count - documents A + B			14214
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INTERNATIONAL PATENT CLASS: G06F-013/36 ...

... G06F-013/42

...SPECIFICATION selected by the stop transaction.

Broadcast Transaction

The Broadcast transaction, illustrated in Fig. 4H, offers a convenient means of broadly **notifying** devices on the communications path of significant events while avoiding the overhead costs of Interrupt transactions. During the Command/Address cycle of the transaction, the Current Master initiating the **Broadcast** transaction asserts the appropriate command code on **Information** lines **I** (3:0) and places a two-bit **data** length **code** on **data** lines D(31:30). At the **same** time, it places a destination mask on **data** lines D(15:0). This mask specifies **the devices** which are selected by the **broadcast** transaction. For example, a "one" bit asserted on data lines 2, 3, 5, 9, 12, 13, and 14 will select devices 2, 3, 5...Abort bit EICR(24) is set if an Error Interrupt transaction is not successful.

Turning now to Fig. 7F, the **Interrupt** Destination Register 210 contains an interrupt destination field IDR(15:0) which identifies which devices are to be selected by interrupt commands originated by this device, as previously described.

The Interprocessor Interrupt Mask Register 212 is shown in Fig. 7G. This register contains a Mask Field IIMR(31:16) which identifies **devices** from which interprocessor interrupts will be **accepted**. Similarly, the interprocessor interrupt destination register 214 contains a destination field IIDR(15:0) which identifies **devices** to which interprocessor interrupt commands **are** to be directed. Finally, the Interprocessor Interrupt Source Register 216 contains a source identification field IISR(31:16), which stores...

12/3,K/15 (Item 15 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00305999

Bus arbitration system.

Bus-Arbitrierungssystem.

Systeme d'arbitrage de bus.

PATENT ASSIGNEE:

DIGITAL EQUIPMENT CORPORATION, (313080), 146 Main Street, Maynard, MA  
01754, (US), (applicant designated states: BE;CH;DE;FR;GB;IT;LI;NL;SE)

INVENTOR:

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Massachusetts 01460, (US)

Strecke, William D., 33 Ann-Lee Road, Harvard Massachusetts, (US)

Jenkins, Stephen R., 21 Mohegan Road, Acton Massachusetts 01720, (US)

LEGAL REPRESENTATIVE:

Dubois-Chabert, Guy et al (15351), Societe de Protection des Inventions  
25, rue de Ponthieu, F-75008 Paris, (FR)

PATENT (CC, No, Kind, Date): EP 340347 A2 891108 (Basic)

EP 340347 A3 900314

EP 340347 B1 940406

APPLICATION (CC, No, Date): EP 88200854 840921;

PRIORITY (CC, No, Date): US 534829 830922

DESIGNATED STATES: BE; CH; DE; FR; GB; IT; LI; NL; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 139569 (EP 844018846)

INTERNATIONAL PATENT CLASS: G06F-013/374

ABSTRACT WORD COUNT: 170

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	758
CLAIMS B	(German)	EPBBF1	690
CLAIMS B	(French)	EPBBF1	817
SPEC B	(English)	EPBBF1	14208
Total word count - document A			0
Total word count - document B			16473
Total word count - documents A + B			16473

INTERNATIONAL PATENT CLASS: G06F-013/374

...SPECIFICATION command may utilize one or more of the response signals to delay completion of the transaction (within predetermined limits) until **the** device is ready to respond, or may **notify the device** of its inability to respond at that time and thus free the **communication** paths for other transactions.

A set of control signals is generated and utilized by the interconnecting means in each device...Command. This prevents loss of previously posted interrupts.

Interprocessor Interrupt Transaction

A simplified form of interrupt is provided for multiprocessor **systems** when one processor seeks to interrupt one or more other processors. The Interprocessor Interrupt transaction, illustrated in Fig. 4F, comprises a Command/Address cycle, an Imbedded Arbitration cycle, and a data cycle in which no information is **transmitted**.

In the particular implementation used to illustrate the intercommunicating **means** herein, this transaction **makes** use of three registers, namely, Interprocessor **Interrupt Mask**, Destination, and Source Registers 212, 214 and 216 respectively (Fig. 7A). The Mask Register contains a field that identifies the processors **from** which Interprocessor interrupt commands will be accepted. The Destination register contains a field that identifies the processors to which an...

...selected by the Stop transaction.

Broadcast Transaction

The Broadcast transaction, illustrated in Fig. 4H, offers a convenient means of broadly **notifying** devices on the communications path of significant events while avoiding the overhead costs of Interrupt transactions. During the Command/Address cycle of the transaction, the Current Master initiating the **Broadcast** transaction asserts the appropriate command code on Information lines I(3:0) and places a two-bit **data** length code on **data** lines D(31:30). At the **same time**, it **places** a destination mask on **data** lines D(15:0). This mask **specifies** the **devices** which are **selected** by the **broadcast** transaction. For

...sample, a "one" bit inserted on data lines 2, 3, 5, 2, 13, and 14  
...select...

12/3,K/16 (Item 16 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00261985

RAM-card-acceptable commodity information terminal.

Wareninformationsendgerät, das eine einen Speicher mit direktem Zugriff  
enthaltende Karte annimmt.

Terminal pour la gestion de marchandises utilisant une carte munie d'une  
memoire a acces aleatoire.

PATENT ASSIGNEE:

MITSUBISHI DENKI KABUSHIKI KAISHA, (208580), 2-3, Marunouchi 2-chome  
Chiyoda-ku, Tokyo 100, (JP), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Kitaguchi, Tomoki c/o MITSUBISHI DENKI K.K., Power & Ind. Systems Center  
1-2, Wadasakicho 1-ch., Hyogo-ku Kobe-shi Hyogo, (JP)

Takeno, Kouhei c/o MITSUBISHI DENKI K.K., Power & Ind. Systems Center  
1-2, Wadasakicho 1-ch., Hyogo-ku Kobe-shi Hyogo, (JP)

Kusano, Norimasa c/o MITSUBISHI DENKI K.K., Power & Ind. Systems Center  
1-2, Wadasakicho 1-ch., Hyogo-ku Kobe-shi Hyogo, (JP)

LEGAL REPRESENTATIVE:

Eisenfuhr & Speiser, Martinistrasse 24, D-2800 Bremen 1, (DE)

PATENT (CC, No, Kind, Date): EP 265894 A2 880504 (Basic)

EP 265894 A3 891025

APPLICATION (CC, No, Date): EP 87115703 871027;

PRIORITY (CC, No, Date): JP 86258984 861030; JP 86258985 861030; JP  
86258986 861030

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G07G-001/14; G06F-015/24

ABSTRACT WORD COUNT: 97

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPABF1	479
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SPEC A	(English)	EPABF1	6000
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Total word count - document A	6479
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Total word count - document B	0
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Total word count - documents A + B	6479
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...INTERNATIONAL PATENT CLASS: G06F-015/24

...SPECIFICATION data to the communication control unit 77. The  
communication control unit 77 sends the data to the host computer, and  
informs the CPU 57 of the result regarding whether it is finished or  
not. When the communication between other communication instruments is  
needed besides that between the host computer and the terminal, it is  
executed by way of a second communication control unit 78. The two  
communication control units 77, 78 enables the communication between  
the plural number of other information devices simultaneously.  
RAM cards 79, 80 (FIG. 13B) are readable memory cards which have the  
connector removably inserted into an IC...

12/3,K/17 (Item 17 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00255599

Multiprocessor interrupt level change synchronization apparatus.

Synchronisationsvorrichtung für die Interrupt-Ebene-Änderung Multiprocessor  
en.

Dispositif de synchronisation de changement de niveau d'interruption pour  
multiprocesseur.

PATENT ASSIGNEE:

Bull HN Information Systems Inc., (405375), Corporation Trust Center 1209  
Orange Street, Wilmington Delaware, (US), (applicant designated states:  
BE;CH;DE;ES;FR;GB;IT;LI;NL;SE)

INVENTOR:

Keeley, James W., 41 Parrish Hill Drive, Nashua New Hampshire, (US)  
Barlow, George J., 19 Easement Road, Tewksbury Massachusetts, (US)

LEGAL REPRESENTATIVE:

Frohwitter, Bernhard, Dipl.-Ing. et al (150673),  
Bardehle-Pagenberg-Dost-Altenburg Frohwitter-Geissler & Partner  
Galileiplatz 1 Postfach 86 06 20, W-8000 Munchen 86, (DE)

PATENT (CC, No, Kind, Date): EP 251234 A2 880107 (Basic)  
EP 251234 A3 880720  
EP 251234 B1 920722

APPLICATION (CC, No, Date): EP 87109194 870626;

PRIORITY (CC, No, Date): US 879858 860627

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06F-009/46 ; G06F-013/26 ; G06F-015/16

ABSTRACT WORD COUNT: 124

LANGUAGE (Publication,Procedural,Application): English; English; English

TEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1689
CLAIMS B	(German)	EPBBF1	436
CLAIMS B	(French)	EPBBF1	515
SPEC B	(English)	EPBBF1	3176
Total word count - document A			0
Total word count - document B			5816
Total word count - documents A + B			5816

INTERNATIONAL PATENT CLASS: G06F-009/46 ...

... G06F-013/26 ...

... G06F-015/16

...SPECIFICATION lower priority unit is so enabled. Each one of the units includes apparatus for responding to a request for the **transfer** of **information** from another unit by **providing** appropriate response signals, i.e., positive acknowledgement, negative or quasi- **negative** acknowledgement, depending upon whether **the** said unit is available for processing the request, or will be busy for **an** extended **period** of time, or will probably be ready during the next asynchronously generated bus **transfer** cycle. Circuitry is provided which verifies whether the interrupt level on the bus is higher than the current operating level...

12/3,K/20 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00910745 \*\*Image available\*\*

**METHOD AND APPARATUS OF ASSURING INFORMED CONSENT WHILE CONDUCTING SECURE CLINICAL TRIALS**  
**PROCEDE ET DISPOSITIF POUR GARANTIR UN CONSENTEMENT ECLAIRE PENDANT DES ESSAIS CLINIQUES SECURISES**

Patent Applicant/Assignee:

MEDIDATA SOLUTIONS INC, 30 East 60th Street, Suite 1007, New York, NY 10022, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

DE VRIES Glen M, 442 East 9th Street, Apt. 1A, New York NY 10009, US, US (Residence), US (Nationality), (Designated only for: US)

IKENUCHI Edward F, 36 Blossom Terrace, Larchmont, NY 10538, US, US (Residence), US (Nationality), (Designated only for: US)

TE Alexis E, 111 Mill Spring Road, Manhasset, NY 11030, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

DIPPERT William H (et al) (agent), Reed Smith LLP, 375 Park Avenue, New York, NY 10152, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200244868 A2-A3 20020606 (WO 0244868)

Application: WO 2001US51091 20011113 (PCT/WO US0151091)

Priority Application: US 2000247314 20001110

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LT LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(AT) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15178

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... activity at a specified time. If appropriate the trial-related activity through the handheld device, e.g., filling out an **informed** consent and signing it using the electronic signature as described above. Questionnaire data may be entered in to the handheld...

...keyboard, by writing on a screen with a stylus, using interactive voice response (IVR) or a voice recognition 10, systems.

**Simultaneously , messages are routed** to the trial administrator's computing **devices** 15 (Figure 1), which can also be physically or wirelessly connected to the network 20 or an associated health care...

12/3,K/21 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00903277 \*\*Image available\*\*

**AUTOMATED SECURITIZATION SYSTEM**  
**SYSTEME DE TITRISATION AUTOMATISE**

Patent Applicant/Assignee:

LATIMAE CORPORATION, 8100 Horseshoe Lane, Potomac, MD 20854, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

KEOUGH Timothy, 8405 Red Bay Court, Vero Beach, FL 32963, US, US  
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KEOUGH Gregory, 8405 Red Bay Court, Vero Beach, FL 32963, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

CASEY Michael R (et al) (agent), Oblon, Spivak, McClelland, Maier &  
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22202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200237367 A1 20020510 (WO 0237367)

Application: WO 2001US22612 20010821 (PCT/WO US0122612)

Priority Application: US 2000702804 20001101

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Word Count: 9444

International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... the guidelines established for purchase between the system and the  
financial institution). The decisions generated by the system can be  
**sent** via **email**, phone PDA, or other **devices**. This **notification** can  
be made **simultaneously** to any of the parties involved in the process  
(e.g., broker, consumer, etc.).

**Notification** can be available via email **alert** or WAP-enabled cellular  
phone or other such device. Access to system will be possible via PDA, PC,  
cellular phone...

12/3,K/22 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00837856 \*\*Image available\*\*

DUAL CLOCK DOMAIN READ FIFO

DISPOSITIF FIFO A LECTURE DE DOMAINE PAR HORLOGE DOUBLE

Patent Applicant/Assignee:

INTEL CORPORATION, 2200 Mission College Boulevard, Santa Clara, CA 95052,

US, US (Residence), US (Nationality), (For all designated states

Designated: US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

WILLIAMS Michael W, 8386 Zancanaro Court, Citrus Heights, CA 95610, US,

US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MALLIE Michael J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman LLP,

7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200171482 A1 20010927 (WO 0171482)

Application: WO 2001US1571 20010116 (PCT/WO US0101571)

Priority Application: US 2000532428 20000323

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 6814

Main International Patent Class: G06F-005/06  
Fulltext Availability:  
Detailed Description

#### Detailed Description

... receive that data. Waiting until the data appears at the output of the read data queue does not provide that **warning**. Alternately, trying to predict when the data will be available by catching the data before it enters the read

data queue involves logic using the wrong time domain. Finally, the delay time required for the **data** to proceed through the read **data** queue can be unpredictable because the queue may **simultaneously** contain **data** for multiple **devices**, each with its own individual setup time and **transfer** characteristics.

#### SUMMARY OF THE INVENTION

An embodiment of the invention includes a storage array containing multiple addressable storage locations, a...

12/3,K/23 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00777021

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED USER FRAMEWORK DESIGN FOR MAINTAINING USER PREFERENCES, ROLES AND DETAILS  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UTILISES EN COMMERCE ELECTRONIQUE POUR LA CONCEPTION DE STRUCTURES D'UTILISATEURS DESTINEES A PRESERVER LES PREFERENCES, ROLES ET DETAILS DES UTILISATEURS

Patent Applicant/Assignee:

ACCENTURE LLP, Parkstraat 83, NL-2514 JG 's Gravenhage, The Hague, NL, NL  
(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109792 A2-A3 20010208 (WO 0109792)

Application: WO 2000US20549 20000728 (PCT/WO US0020549)

Priority Application: US 99364091 19990730

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 122232

Main International Patent Class: G06F-017/30  
International Patent Class: G06F-009/44  
Fulltext Availability:  
Detailed Description



#### Detailed Description

... generates error display message.

Get the event with the highest severity level from its event context.

If the most severe **event** is "fatal", display the user description associated with the **event**.

**Broadcast** a SESSION-ABORT **message** using the Publish/Subscribe mechanism. Any component that is interested in these **events** must implement the LAXEventListener interface and register with the Event **Broadcaster** component as interested. To do this they call the addListener method of the Event Handler component.

If the most severe...

...associated with the event. Broadcast an ACTIVITY-ABORT message using the Publish/Subscribe mechanism.

If the most severe event is "warning", display the user description associated with the event.

Note: The user event descriptions are retrieved from the database either on...

12/3,K/24 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00496100 \*\*Image available\*\*

ACCESSING DATA FROM A MULTIPLE ENTRY FULLY ASSOCIATIVE CACHE BUFFER IN A  
MULTITHREAD DATA PROCESSING SYSTEM

ACCES A DES DONNEES A PARTIR D'UNE ANTEMEMOIRE INTEGRALEMENT ASSOCIEE A  
PLUSIEURS ENTREES DANS UN SYSTEME DE TRAITEMENT DE DONNEES  
MULTIMESSAGES

Patent Applicant/Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION,

Inventor(s):

BORKENHAGEN John Michael,

AVERILL Duane Arlyn,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9927452 A1 19990603

Application: WO 98US25001 19981119 (PCT/WO US9825001)

Priority Application: US 97976533 19971121

Designated States: CA CN CZ HU IL JP KR PL RU AT BE CH CY DE DK ES FI FR GB  
GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 17136

Main International Patent Class: G06F-012/08

Fulltext Availability:

Detailed Description

#### Detailed Description

... of the L1 cache 14. Accordingly,

in this situation, in step 174 a cache miss is indicated to the execution units 6. and at the same time the execution units are informed that the data previously forwarded from the L1 cache in step 164 is invalid. Next, in step 176, the sequencers 50 deliver a request to...

12/3,K/25 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00474252 \*\*Image available\*\*

MULTI-PORT INTERNALLY CACHED DRAMS

**DRAM A PLUSIEURS PORTS A ANTEMEMOIRE INTERNE**

Patent Applicant/Assignee:

NEXABIT NETWORKS LLC,  
CONLIN Richard,  
WRIGHT Tim,  
MARCONI Peter,  
CHATTER Mukesh,

Inventor(s):

CONLIN Richard,  
WRIGHT Tim,  
MARCONI Peter,  
CHATTER Mukesh,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9905604 A1 19990204  
Application: WO 98IB1121 19980723 (PCT/WO IB9801121)  
Priority Application: US 97502 19970728

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU  
ZW ZM GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE  
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR  
NE SN TD TG

Publication Language: English

Fulltext Word Count: 7941

Main International Patent Class: G06F-013/16

Fulltext Availability:

Claims

Claim

... resources interface along common internal data buses connected to corresponding DRAM cores in each unit of the array, and wherein data from a CPU or similar source is also transferred with each unit along the buses during data transfer cycles, the method of improving performance, that comprises, concurrently with the data transfer, enabling the system I/O resources to send multi-bit messages to one another by sending the message from one system I/O resource, intended for a system destination I/O resource, to the AMPIC DRAM...

...the message data, choose a free address location in the DRAM array and write the message to that location, so informing the system destination I/O resource with a message ready signal; and, when the system destination I/O resource is...

12/3,K/26 (Item 9 from file: 349)

File 349:PCT FULLTEXT

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00428814 \*\*Image available\*\*

**SYSTEM AND METHOD FOR DELIVERING FINANCIAL SERVICES**

**SYSTEME ET PROCEDE OFFRANT DES SERVICES FINANCIERS**

Patent Applicant/Assignee:

CITICORP DEVELOPMENT CENTER,

Inventor(s):

ZEANAH James,  
ABBOTT Charles,  
BOYD Nik,  
COHEN Albert,  
COOK James,  
GRANDCOLAS Michael,  
LAN Sikhun,  
LINDSLEY Bonnie,  
MARKARIAN Grigor,  
MOSS Leslie,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9819278 A2 19980507  
Application: WO 97US18702 19971031 (PCT/WO US9718702)

Priority Application 9629209 19961031; US 9790841 970807  
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 19542

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description  
... message to the remote  
device and instantiates a profile transaction executor component to  
authenticate a customer. A navigation shell component **notifies** the  
remote device of the list of  
6  
available functions, such as cash withdrawal or bill payment, and  
instantiates a mini-app dialog component based on the function selected  
through the remote device. To coordinate **communications** with the plural  
sessions that may occur **simultaneously**, a touch point interface  
component **routes** incoming **messages** from remote **devices** to the  
appropriate session bubbles and a back door man component coordinates  
messaging between the various sessions and an external...

12/3,K/27 (Item 10 from file: 349)  
ALLOU(K)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00402968 \*\*Image available\*\*  
TRIPLE MODULAR REDUNDANT COMPUTER SYSTEM  
SYSTEME INFORMATIQUE REDONDANT A TROIS MODULES

Patent Applicant/Assignee:

RESILIENCE CORPORATION,  
PETIVAN James L,  
LUNDELL Donald C,  
LUNDELL Jonathan K,

Inventor(s):

PETIVAN James L,  
LUNDELL Donald C,  
LUNDELL Jonathan K,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9743712 A2 19971120  
Application: WO 97US8320 19970515 (PCT/WO US9708320)  
Priority Application: US 9617201 19960516; US 9737363 19970131; US  
97853670 19970509

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU GH  
KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB  
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 32804

Main International Patent Class: G06F-011/18  
International Patent Class: G06F-01:04  
Fulltext Availability:  
Detailed Description

Detailed Description  
... for example, each processor acting in synchronism with the other  
processors asserts an address strobe (AS) signal. The AS signal **alerts**  
the bridge logic units of the start of a Read/Write transaction. As the  
Read/Write transaction progresses, **each** bridge logic **unit** **sends** the  
relevant bus signals (address, **data**, and control) over the backplane to

its downstream neigh

Simultaneously, each receives the corresponding information from its upstream neighbor, and compares its own local transaction information to that sent by its upstream neighbor. Likewise, each downstream neighbor bridge logic unit compares its own transaction information against that sent by...

12/3,K/28 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00399706 \*\*Image available\*\*  
METHOD AND APPARATUS FOR SYNCHRONIZING IMPLEMENTATION OF CONFIGURATION  
INFORMATION IN A COMMUNICATION SYSTEM  
PROCEDE ET APPAREIL DE SYNCHRONISATION DE LA MISE EN OEUVRE D'INFORMATIONS  
DE CONFIGURATION DANS UN SYSTEME DE TELECOMMUNICATIONS

Patent Applicant/Assignee:

MOTOROLA INC,  
Inventor(s):  
WEATHER James A,  
ROMO Orlando J,  
KUFAN Deborah L,  
MIRIYALA Srinivas,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9740449 A1 19971030  
Application: WO 97US5099 19970327 (PCT/WO US9705099)  
Priority Application: US 96636008 19960419

Designated States: CA CN JP KR AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE

Publication Language: English

Fulltext Word Count: 4921

Main International Patent Class: G06F-013/14

Fulltext Availability:

Detailed Description

Detailed Description

... communication devices to  
determine when the configuration change has become operational,  
subsequent to which the system controller 115 can be notified that the  
communication devices are operating with the new configuration.

As a result, revisions are implemented by all communication  
devices within the communication system 100 at the same time.  
This

conveniently eliminates situations in which some communication  
devices are formatting messages using revised protocols while other  
communication devices are still formatting messages using outdated  
protocols, thereby ensuring that a roaming personal communicator does  
not miss messages as a result of incompatible protocols.

Referring next to FIG. 2. an electrical block diagram of...

12/3,K/29 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00391511 \*\*Image available\*\*  
SYSTEM AND METHOD FOR BUS CONTENTION RESOLUTION  
SYSTEME ET PROCEDE DE RESOLUTION DES CONFLITS SUR UN BUS

Patent Applicant/Assignee:

PARADYNE CORPORATION,  
Inventor(s):  
HILES Paul Edward,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9732254 A1 19970904

Application: WO 97US2934 19970220 (PCT/WO US 97/02934)  
Priority Application: US 96607912 19960228  
Designated States: BR CA CN JP KR MX RU AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 9377

Main International Patent Class: G06F-013/00  
International Patent Class: G06F-13:42 ...

... G06F-13:362 ...

... G06F-13:376

Fulltext Availability:  
Claims

Claim

... devices include a collision resolution manager for implementing steps  
(a) through (h.).

16 A collision resolution manager for resolving a **data** collision on a  
serial bus shared by multiple **devices** due **concurrent** overlapping  
**data transmission**, one of said **devices** being designated as a master  
device and all remaining said **devices** being designated as slave  
devices, said master device being responsible for allocating control  
over said serial bus to one said slave device at a time, comprising:  
means for **notifying** said slave devices once an original bus collision  
occurs on said serial bus due to multiple slave **devices transmitting**  
**data** over said serial bus at substantially the **same time**, and  
issuing a control signal allowing re- **transmission** of respective **data**  
from said slave **devices** specified in a retry subset of slave devices;  
means for issuing a control signal transitioning said slave devices not a  
...

12/3,K/30 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00263798 \*\*Image available\*\*  
INFORMATION DISTRIBUTION SYSTEMS, PARTICULARLY TOUR GUIDE SYSTEMS  
SYSTEMES SERVANT A DONNER DES INFORMATIONS, PARTICULIEREMENT SYSTEMES POUR  
VISITES GUIDEES

Inventor/Applicant/Assignee:

WEEKS Stephen,  
HAYES Robert,

Inventor(s):

WEEKS Stephen,  
HAYES Robert,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9411967 A1 19940526

Application: WO 93GB2360 19931116 (PCT/WO GB9302360)

Priority Application: GB 9224020 19921116; GB 9320570 19931006

Designated States: AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR KZ  
LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US UZ VN AT BE CH DE  
DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN  
TD TG

Publication Language: English

Fulltext Word Count: 5362

International Patent Class: G06F-15:21

Fulltext Availability:  
Detailed Description

Detailed Description

... in the data source

network, and the use of primary and secondary disc caching  
software, allows decompression and real-time **delivery** of  
large amounts of unique and **simultaneous** information to the  
remote user **units**.

Further options include the following.

For security, if a user unit is removed beyond some exit point, a corresponding location relay switch causes the phone code of a security guard to be sent, **announcing** the handset location and number, and/or emitting a distinctive tone from the user unit.

For automatic billing, the system...

12/3,K/31 (Item 14 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00102611

BUS COLLISION A VOIDANCE SYSTEM FOR DISTRIBUTED NETWORK DATA PROCESSING  
COMMUNICATIONS SYSTEMS

SYSTEME BUS DE PREVENTION DES COLLISIONS DANS UN SYSTEME DE COMMUNICATION  
DE TRAITEMENT DE DONNEES DISTRIBUEES PAR RESEAU

Patent Applicant/Assignee:

PARIS CORP,  
PARIS (S)  
PARIS J,  
PARIS MESA N,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8001426 A1 19800710  
Application: WO 79US1133 19791227 (PCT/WO US7901133)  
Priority Application: US 78973684 19781227

Designated States: DE GB JP SE DE FR GB SE

Publication Language: English

Fulltext Word Count: 9562

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... and found the bus free., without  
being aware that the same action is being taken by another device  
at the **same time**. When **each device** finds the bus free, it will  
proceed to **transmit a message** formulated according to the SDLC  
protocol, as described above. Once on the bus, however, these  
two data packets from respectively...

...thereby interfere with one another. As a result,  
even though the other devices distributed along the network will  
have been **alerted** to the fact that the bus has been seized and a  
message for someone is being transmitted, the colliding

13/3,K/42 (Item 14 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00857717 \*\*Image available\*\*

**SECURE DIGITAL CONTENT DELIVERY SYSTEM AND METHOD OVER A BROADCAST NETWORK  
SYSTEME ET PROCEDE DE FOURNITURE DE CONTENU PROTEGE SUR UN RESEAU DE  
DIFFUSION**

Patent Applicant/Assignee:

NDS LIMITED, One London Road, Staines, Middlesex TW18 4EX, GB, GB  
(Residence), GB (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

REVITAL Dan, 21 Duvdevani Street, Jerusalem 96428, IL, IL (Residence), IL  
(Nationality), (Designated only for: US)

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Legal Representative:

RAMM Yehuda (agent), Plinner, Bodner, Brass, 13 Noach Mozes Street, Tel  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200191465 A2-A3 20011129 (WO 0191465)

Application: WO 2001IL469 20010522 (PCT/WO IL0100469)

Priority Application: US 2000206140 20000522

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DE (utility model) DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL

IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO

NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 18908

Fulltext Availability:

Claims

Claim

... a plurality of data units for transport through the IP network;  
securing said plurality of **data** units according to security  
**information** to form secured  
**data units** ;  
**transmitting** said security **information** to more than one end user  
device **simultaneously**  
through the IP network;  
**transmitting** an **announcement** according to SDP (session description  
protocol) of IPSEC to said end user devices for indicating...

13/3,K/43 (Item 15 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00857419 \*\*Image available\*\*

**COMMERCIAL-BREAK DETECTION DEVICE  
DISPOSITIF DE DETECTION DE PAUSE PUBLICITAIRE**

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA  
Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

ARMENGAUD Eric, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

ROGGIA Harald (agent), Internationaal Octrooibureau B.V., Prof Holstlaan  
6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200191123 A1 20011129 (WO 0191123)

Application: WO 2001EP4936 20010501 (PCT/WO EP0104936)

Priority Application: EP 2000890165 20000523

Designated States: CN JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 6741

Fulltext Availability:

Detailed Description

Detailed Description

... scenes of the Ehn 'The Babysitte? are included in the picture  
infor-nation BI as **announcement** infor-nation AL The **announcement**  
infor-nation AL serves to **announce** that: the film 'The Babysitte? will  
be **broadcast** by means of the television signal FS at the **same time**  
next day.

From the instant t2 till an instant t3 a total of four **units** of  
commercial **message information** WS11, WS12, WS13 and WS14 of four  
commercial messages are **transmitted**, which together form the commercial  
break information Vffil of a commercial break. The commercial message...

13/3,K/46 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00811757 \*\*Image available\*\*

SYSTEM AND METHOD FOR REMOTE INTERACTIVE MANAGEMENT OF A SURVEILLANCE  
DEVICE

SYSTEME ET PROCEDE DE GESTION INTERACTIVE ELOIGNEE D'UNE CAMERA DE  
SURVEILLANCE

Patent Applicant/Assignee:

ALPHA SYSTEMS LABORATORY, 17712 Mitchell North, Irvine, CA 92612, US, US  
(Residence), US (Nationality)

Inventor(s):

PHAN Mihn V, 25852 Desert Trail, Laguna Hills, CA 92653, US,

Legal Representative:

HACKLER Walter A (agent), 2372 S.E. Bristol, Suite B, Newport Beach, CA  
92660, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200145378 A1 20010621 (WO 0145378)

Application: WO 2000US33626 20001208 (PCT/WO US0033626)

Priority Application: US 99172706 19991216; US 2000188041 20000309

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

((OAPI utility model)) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11536

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... central transmitter 12 simultaneously communicates the security breach  
to 256 remote receivers 14 using mixed **communication** means.



Referring to FIG. 6, a detailed flowchart 64 of the **broadcast notification** mode shown in FIG. 5 is illustrated. During **broadcast notification**, all remote receivers 14 or other **devices** in **communication** with central **transmitter** 12 are **notified simultaneously** and immediately. As noted above, **broadcast notification** is implemented as an algorithm at central **transmitter** 12 upon **notification** from remote receiver 28 where a security breach has - I I occurred. In particular, central...

#### Claim

... monitoring units for  
transmitting and receiving data from and to said  
plurality of sites;  
a **communication** device for connecting  
said plurality of sites and said plurality of  
monitoring units; and  
a processor for managing **notification**  
of site activity to said plurality of monitoring  
**units**, said **notification** being selectable between  
**broadcast notification** in which all the monitoring  
**units** are **notified simultaneously**, sequential  
**notification** in which the monitoring **units** are  
**notified** sequentially, and once only **notification** in  
which each of the monitoring units are **notified** once  
of site activity.

2 The system according to claim 1 wherein  
said communication device...

13/3,K/47 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00738106 \*\*Image available\*\*

#### AREA WARNING SYSTEM FOR EARTHQUAKES AND OTHER NATURAL DISASTERS SYSTEME D'ALERTE POUR UNE ZONE MENACEE PAR UN TREMBLEMENT DE TERRE ET D'AUTRES CATASTROPHES NATURELLES

Patent Applicant/Inventor:

FLANAGAN John, 160 Sequoia Avenue, Carlsbad, CA 92008, US, US (Residence)  
, US (Nationality)

Legal Representative:

TACHNER Leonard, Suite 38-E, 17961 Sky Park Circle, Irvine, CA 92614-6364  
, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200051093 A1 20000831 (WO 0051093)

Application: WO 99US3951 19990224 (PCT/WO US9903951)

Designated States: AU BR CA CN IL JP KR MX RU SG

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 9297

Fulltext Availability:

Detailed Description

Detailed Description

... of the earthquake,

Some efforts have been made to utilize existing capability  
to provide limited **warning** of other types of impending natural  
disasters such as fires, floods, tornadoes or hurricanes. All  
previous efforts fail to provide an appropriate specific area  
early **warning** signal to a general population of inhabitants  
that are most likely to be affected. Further, they fail to  
provide **concurrent** activation of various ancillary safety  
**devices** or automated equipment and they fail to activate  
various types of **warning devices** that are in an inactive mode

to give the maximum advance **warning** necessary for a general population to take proper precautions.

There are several-types of Commercially available emergency **broadcast** devices which are continually tuned to a specific frequency and designed to **warn** of a natural disaster that might affect a large scale geographic area, These systems transmit...

13/3,K/48 (Item 20 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00559213 \*\*Image available\*\*

#### DETECTION COMMUNICATION SYSTEMS

#### SYSTEMES DE COMMUNICATION POUR DETECTION

Patent Applicant/Assignee:

ROYAL THOUGHTS L L C,  
MENARD Raymond J,  
QUADY Curtis E,

Inventor(s):

MENARD Raymond J,  
QUADY Curtis E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200022586 A2 20000420 (WO 0022586)

Application: WO 99US27902 19990827 (PCT/WO US9927902)

Priority Application: US 9898270 19980828; US 9898387 19980829; US 9898392 19980829; US 9898444 19980831; US 9898463 19980831; US 9898406 19980831; US 98105119 19981021; US 98105493 19981023; US 98219737 19981222; US 99277805 19990327; US 99135862 19990525; US 99372249 19990811

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 27624

Fulltext Availability:

Detailed Description

Detailed Description

... by the users 30 instead of one device to receive the message and another to **transmit** the verification **information** to the central station 20. This saves cost and simplifies design. However, two separate **devices** 40 could be used.

The **notification** of the remote users 30 can be accomplished **simultaneously** with the central station 20 or instantly **relayed** by the central station 20 or any other **relay** point. Either process has an identical effect of creating nearly simultaneous **notification** of an alarm condition to the users 30 and the central station 20.

Information relative...carried by the users instead of one device to receive the message and another to **transmit** the verification **information** to the central station. This saves cost and simplifies design. However, two separate **devices** may be used.

In other embodiments, the **notification** of the remote users may be accomplished **simultaneously** with the central station or instantly **relayed** by the central station or any other **relay** point.

Again, in one embodiment, the transmission of data may be done in a rapid ...

13/3,K/60 (Item 32 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00206685 \*\*Image available\*\*

**DISTRIBUTED COMPUTER SYSTEM ARRANGEMENT**  
**AGENCEMENT DE SYSTEME D'ORDINATEUR DECENTRALISE**

Patent Applicant/Assignee:

LENNARTSSON Kent,

Inventor(s):

LENNARTSSON Kent,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9203881 A1 19920305

Application: WO 91SE539 19910813 (PCT/WO SE9100539)

Priority Application: SE 902703 19900820

Designated States: AT BE CH DE DK ES FR GB GR IT JP KR LU NL SE US

Publication Language: English

Fulltext Word Count: 10232

Fulltext Availability:

Detailed Description

Detailed Description

... another master unit letter, one envelope can  
be exchanged for another if so required, The **transmitting**  
slave unit and the receiving slave **units** receive the  
**message** at the **same time** . In practice, this means that  
the system manufacturer of a CAN network can use standard  
modules and still have full control over how the **informa**  
**tion** is exchanged between the modules. In order to be  
able to operate satisfactorily,, every...

File 275:Gale Group Computer DB(TM) 1983-2004/Mar 22  
(c) 2004 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Mar 22  
(c) 2004 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2004/Mar 22  
(c) 2004 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2004/Mar 22  
(c) 2004 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2004/Mar 22  
(c)2004 The Gale Group  
File 624:McGraw-Hill Publications 1985-2004/Mar 19  
(c) 2004 McGraw-Hill Co. Inc  
File 15:ABI/Inform(R) 1971-2004/Mar 20  
(c) 2004 ProQuest Info&Learning  
File 647:CMP Computer Fulltext 1988-2004/Mar W1  
(c) 2004 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2004/Mar W2  
(c) 2004 IDG Communications  
File 696:DIALOG Telecom. Newsletters 1995-2004/Mar 19  
(c) 2004 The Dialog Corp.  
File 369:New Scientist 1994-2004/Mar W2  
(c) 2004 Reed Business Information Ltd.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 610:Business Wire 1999-2004/Mar 21  
(c) 2004 Business Wire.  
File 613:PR Newswire 1999-2004/Mar 22  
(c) 2004 PR Newswire Association Inc

Set	Items	Description
S1	3893638	DEVICES OR UNITS OR APPLIANCES OR (EVERY OR EACH) (2W) (DEVICE OR UNIT OR APPLIANCE)
S2	20820287	ALERT? ? OR NOTICE? ? OR NOTIFICATION? ? OR WARNING? ? OR - ANNOUNCEMENT? ? OR MESSAGE? ? OR MAIL OR EMAIL OR EVENT? ? OR DATA OR INFORMATION OR BID? ?
S3	1792921	SIMULTANEOUS? OR CONCURREN? OR COINCIDENT? OR SAME()TIME
S4	2596	S1(5N)S2(5N)S3(5N) (BROADCAST??? OR MULTICAST??? OR MULTI()-CAST??? OR PUSH??? OR FORWARD??? OR ROUT??? OR TRANSFER? OR TRANSMIT? OR TRANSMISSION OR COMMUNICAT? OR DISTRIBUT? OR CONVEY? OR RELAY??? OR DELIVER? OR SEND??? OR SENT OR CONVEY?)
S5	2542319	SERVER? ? OR ROUTER? ? OR GATEWAY? ? OR HUB? ?
S6	885	S4(50N)S5
S7	12826072	ALERT??? OR NOTIC? ? OR NOTIFIE? ? OR NOTIFY??? OR NOTIFICATION? ? OR INFORM?? OR INFORMING OR WARN??? OR ANNOUNC?
S8	230	S4(30N)S7
S9	114	RD (unique items)
S10	150	S4(50N)S7(50N)S5
S11	74	RD (unique items)
S12	55	S11 NOT PD>20001128

12/3,K/1 (Item 1 Item file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01742274 SUPPLIER NUMBER: 16235105 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Frame relay: Frame Relay Forum ratifies multicast implementation agreement.**  
 EDGE, on & about AT&T, v9, n334, p31(1)  
 Dec 19, 1994  
 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
 WORD COUNT: 484 LINE COUNT: 00039

... One-Way, Two-Way and N-Way.

One-Way Multicast specifically addresses the needs of **router** interconnection. In this configuration, **routers** maintain the normal connections to their peer **routers** but have an extra PVC. Frames transmitted on this PVC will be delivered to all of the neighboring **routers**.

U S WEST, a member of the Frame Relay Forum, is one service provider that has just **announced** the commercial availability of one-way multicast. "The multicast feature can provide greater efficiency for **router** interconnection and other broadcast applications," said Andrea Vento, product manager at ENTERPRISE Networking Services from U S WEST. "For example, management traffic, such as **routing** updates, can be **transmitted** to peer **routers** **simultaneously**."

Two-Way **Multicast** allows a single point or "root" to **multicast** data units to a specified group of users. Frames transmitted by the root are seen by all...

12/3,K/2 (Item 2 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01588390 SUPPLIER NUMBER: 13468832 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Vendors push switch offerings.**  
 Streeter, April  
 MacWEEK, v7, n9, p20(2)  
 March 1, 1993  
 PER: 1992-9118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
 ARI COUNT: 350 LINE COUNT: 00029

... Billerica, Mass., will introduce a \$12,500, eight-port Ethernet card for its LANplex switching **hubs** that the company said will increase throughput by 35 percent. And last month, Ungermann-Bass Inc. of Santa Clara, Calif., **announced** the DragonSwitch, a \$14,400, 16-port Ethernet switching card for its AccessOne **hub**.

It was Kalpana Inc., also of Santa Clara, that brought switching into the mainstream last...

...Ethernet segments.

Both Kalpana and Tribe use on-the-fly circuit switching, which means their **devices** locate the destination port before **forwarding** packets; they also can handle **simultaneous** transactions. This is similar to how the telephone system and Asynchronous Transfer Mode (ATM) switches handle **data** transfer.

But Ungermann-Bass' DragonSwitch, as well as many other switching hubs, do not use circuit switching. Instead, they use an internal store-and-forward method similar to...

12/3,K/3 (Item 3 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01241188 SUPPLIER NUMBER: 06540425 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Newswire. (new connectivity and computer communications products)  
(Connectivity Section) (product announcement)  
PC Week, v5, n15, pC5(2)

April 12, 1988

DOCUMENT TYPE: product announcement  
ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1460 LINE COUNT: 00116

ISSN: 0740-1604

LANGUAGE:

... 408) 942-5254.

SNA Hardware: Netlink Inc. introduced a new version of its SDLC concentrator **gateway** that company officials claim is more than twice as fast as its predecessor and can connect devices over an IBM Token-Ring network. Netlink's SNA- **Hub** , used to connect computers, terminal controllers and PCs to an SNA network, allows up to...

...concentrator can transmit at speeds up to 64Kbps to the front-end processor. The SNA- **HUB** is priced at \$12,995; the Token-Ring option is priced at \$1,250.

Netlink...

...located at 3214 Spring Forest Road, Raleigh, N.C. 27604 (919) 878-8612.

Multiplexers: Gandalf **Data** debuted a new multiplexer and X.25 packet assembler/disassembler (PAD) that allows up to eight **devices** to **transmit simultaneously** over an X.25 network. Called the mMux, the device can also **transmit** asynchronously or synchronously point-to-point. It can accept input speeds of up to 19...

...1020 S. Noel Ave., Wheeling, Ill. 60090 (312) 541-6060.

SNA Hardware: Rabbit Software Corp. **announced** a new release of its 3274 compatible Rabbit Controller that now supports IBM 3299 multiplexers

12/3,K/4 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

6563370 Supplier Number: 65633563 (USE FORMAT 7 FOR FULLTEXT)  
Certicom Extends Partnership with Pumatech to Provide End-to-End Security for New Satellite Forms(R) Enterprise Edition 4.0 Software, Featuring Satellite Forms Server.

PR Newswire, p6449

Oct 2, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1048

... Pumatech, Inc. (NASDAQ: PUMA), a leading provider of software infrastructure for the mobile Internet, today **announced** that Pumatech is utilizing Certicom's market leading Elliptic Curve Cryptography (ECC) and SSL Plus...

...end security for its new Satellite Forms Enterprise Edition 4.0 software, featuring Satellite Forms **Server** , along with Pumatech's Browse-it and Intellisync Anywhere software.

Available today, Pumatech's Satellite...

...to mission-critical enterprise data. Users can create custom Palm applications that connect to enterprise **data** via a PC, or that utilize the new Satellite Forms **Server** . Satellite Forms **Server delivers** secure, **concurrent** , **server** -based synchronization with enterprise **data** , while also providing convenient, Web-based management of users, groups, **devices** , and applications. Pumatech is utilizing Certicom's SSL Plus in conjunction with Satellite Forms Enterprise...

...provide secure connections that allow the movement of enterprise data and information between back-end **server** and client applications.

"We believe that security is a major concern for mobile computing in

...

...offers a complete solution for handheld security. By utilizing this security with our Satellite Forms **Server** , we are at an advantage to

deliver what the enterprise needs in order to utilize.. )

12/3,K/5 (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

02663203 Supplier Number: 65573718 (USE FORMAT 7 FOR FULLTEXT)  
**Pumatech Ships Satellite Forms Enterprise Edition 4.0 Software, Featuring  
New Satellite Forms Server.**  
Business Wire, p0210  
Sept 29, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 751

... Pumatech, Inc. (NASDAQ: PUMA), the leading provider of the software infrastructure for the mobile Internet, **announced** today that it is shipping Satellite Forms Enterprise Edition 4.0, an enterprise-level connectivity and application development solution. Featuring new Satellite Forms **Server** (previously code-named "Vulcan"), Satellite Forms Enterprise Edition 4.0 provides a flexible and extensible...

...The software enables users to quickly create custom Palm OS applications that connect to enterprise **data** via a PC, or that utilize Satellite Forms **Server**. Satellite Forms **Server** provides secure, **concurrent**, **server**-based synchronization with enterprise **data**, while also **delivering** convenient, Web-based management of users, groups, **devices**, and applications.

Satellite Forms Enterprise Edition 4.0 automatically creates an association between the Palm...

12/3,K/6 (Item 3 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

02594817 Supplier Number: 63813858 (USE FORMAT 7 FOR FULLTEXT)  
**e24/7, the Digital Communications Hub, Selects Network Appliance to Help  
Meet Demand for State-of-the-Art Storage.**  
Business Wire, p2038  
August 7, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 730

... of finance, industry, and Web veterans from Starwood, GeoCities, Earthlink, Linuxcare, Scour.net, Nestle, PricewaterhouseCoopers, **Warner Bros.**, Mattel, and Intertainer.com. e24/7 has developed proprietary technology that is a fusion...

...for communications and entertainment on the Internet. The technology underlying the e24/7 Digital Communications **Hub** is an e-mail-centric, integrated communications, storage and streaming application. For more information about...

...Cisco, Motorola, and Texas Instruments have deployed NetApp solutions. NetApp Internet caching solutions (NetCache(TM) **appliances**) and file **servers** (filers) **deliver** fast, simple, reliable, and cost-effective access to network-stored **data** and enable **simultaneous** shared file services for UNIX(R), Windows NT(R), and the World Wide Web.  
The...

12/3,K/7 (Item 4 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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02591399 Supplier Number: 63762784 (USE FORMAT 7 FOR FULLTEXT)  
**DAFS Collaborative Appoints Storage Industry Veteran as Executive Director.**  
Business Wire, p2076  
July 31, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 540

... Vixel Corp.  
The DAFS Collaborative will hold its first meeting in August; details  
to be **announced**.  
About Network Appliance  
Network Appliance, a veteran in network file serving and caching, has  
been...

...Motorola, and Texas Instruments have deployed NetApp(R) solutions.  
NetApp Internet caching solutions (NetCache(tm) **appliances**) and file  
**servers** (filers) **deliver** fast, simple, reliable, and cost-effective  
access to network-stored **data** and enable **simultaneous** shared file  
services for UNIX(R), Windows NT(R), and the World Wide Web.  
The...

12/3,K/8 (Item 5 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

02581774 Supplier Number: 63623427 (USE FORMAT 7 FOR FULLTEXT)  
**Network Appliance Selects TIBCO Software to Support Enterprise System  
Initiatives.**  
PR Newswire, pNA  
July 24, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 870

... integration platform that encompasses data integration and  
transformation, business process coordination, messaging, enterprise  
portals and **alerting**, adapters for legacy, packaged and third-party  
applications, plus enterprise monitoring and management.  
About Network...

...Cisco, Motorola, and Texas Instruments have deployed NetApp solutions.  
NetApp Internet caching solutions (NetCache(TM) **appliances**) and file  
**servers** (filers) **deliver** fast, simple, reliable, and cost-effective  
access to network-stored **data** and enable **simultaneous** shared file  
services for UNIX, Windows NT(R), and the World Wide Web.  
The company...

12/3,K/9 (Item 6 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

02542961 Supplier Number: 62824207 (USE FORMAT 7 FOR FULLTEXT)  
**Informix and Network Appliance Partner to Extend Business Intelligence  
Solutions.**  
Business Wire, p0057  
June 20, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 778

... storage solutions in the e-business environment, our NetApp  
solutions are the perfect fit for **Informix**," said Mark Santora, senior  
vice president of marketing at Network Appliance. "NetApp storage solutions  
empower **Informix** databases with the high performance and manageability  
they need to meet the ever increasing demands...



...Cisco, Motorola, and Texas Instruments have deployed NetApp solutions. NetApp Internet caching solutions (NetCache(TM) **appliances** ) and file **servers** (filers) **deliver** fast, simple, reliable and cost-effective access to network-stored **data** and enable **simultaneous** shared file services for UNIX, Windows NT, and the World Wide Web.

The company pioneered...

...operating system and standards-compliant hardware. More information is available at [www.netapp.com](http://www.netapp.com).

About **Informix**

**Informix** Software is the technology leader in software infrastructure solutions for the Internet--providing a fast...

12/3,K/10 (Item 7 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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104/107 Supplier Number: 61872167 (USE FORMAT 7 FOR FULLTEXT)  
**Concentric Network Corporation Relies On Network Appliance for High Performance Storage Solutions.**

Business Wire, pl122

May 3, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 824

... Cisco, Motorola, and Texas Instruments have deployed NetApp solutions. NetApp Internet caching solutions (NetCache(TM) **appliances** ) and file **servers** (filers) **deliver** fast, simple, reliable, and cost-effective access to network-stored **data** and enable **simultaneous** shared file services for UNIX(R), Windows NT(R) and the World Wide Web.

The...

...information is available at [www.netapp.com](http://www.netapp.com).

On January 10, 2000, NEXTLINK and Concentric Network **announced** a \$2.9 billion transaction to combine the companies. The transaction is expected to close...

12/3,K/11 (Item 8 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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104/107 Supplier Number: 55726312 (USE FORMAT 7 FOR FULLTEXT)  
**NSS Unveils New Network Attached Storage Appliance.**

Business Wire, pl515

Sept 13, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 335

... s

Network Storage Solutions, Inc., a leading provider of Network Attached Storage (NAS) solutions, today **announced** the SPANStor-LX.

Designed to provide high performance, high value networked data access, the LX...

...like SPANStor," said Bradford L. Clemmons Sr., President and CEO of Network Storage Solutions.

Using **server** class Pentium III motherboards at processor speeds of up to 600Mhz, the LX can manage...

...Each LX supports 100Mbit Fast Ethernet standard with optional Gigabit Ethernet adapters.

SPANStor enabled thin **server** appliances simplify installation and data management providing a fast, reliable, cost-effective **data** **information** infrastructure. SPANStor **data** -access **servers** are

specialized network attached storage devices , optimized to deliver data with quick response times to both UNIX and Windows clients concurrently .

Available and shipping now, the SPANStor-LX delivers up to 90GB of high performance NAS...

...NSS) is a privately held company that develops and markets scalable dedicated Network Attached Storage servers for UNIX, Windows, and the Internet. These thin servers deliver fast, reliable, cost-effective, and direct access to information.

Network Storage Solutions' corporate headquarters...

12/3,K/12 (Item 9 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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02122949 Supplier Number: 55198033 (USE FORMAT 7 FOR FULLTEXT)  
**NCD Announces Remote Management Tools For Windows-Based Terminals;  
Industry's First Web-Based Remote Administration Tool and Wake-on-LAN for a Thin Client.**  
Business Wire, p0075  
July 20, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 963

... WBTs to virtually any legacy-computing environment. And the management modules include the remote management announced today as well as screen mirroring, which will be a follow-on product later this...

...About NCD

Founded in 1988, Network Computing Devices, Inc., supplies information access products that extend server-based computing to give customers a competitive edge and a better bottom line. NCD offers a portfolio of information appliances and integrated software solutions that deliver simultaneous, high-performance, easy-to-manage, simple access to any application from thin client, UNIX and...  
... Next computing to a variety of enterprise desktops; NCD WinCenter multi-user Windows NT-based server software and NCD PC-Xware software that delivers PC access to UNIX. Over 1 million...

12/3,K/13 (Item 10 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01808646 Supplier Number: 53887011 (USE FORMAT 7 FOR FULLTEXT)  
**Wall Data Releases RUMBA 2000 for Multi-User Windows NT Environments to Help Organizations Lower Their Total Cost of PC Ownership.**  
Business Wire, p1456  
Feb 16, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 880

**Server** -based and **Concurrently** Licensed, RUMBA(R) 2000  
**Delivers** Robust 32-Bit Host Access Functionality  
to Desktop and Hand-held **Devices**

Wall Data Incorporated (Nasdaq:WALL) today announced two new editions of RUMBA 2000 that are optimized and licensed for multi-user Windows NT environments.

RUMBA 2000 for Citrix WinFrame and RUMBA 2000 for Terminal Server are low-cost, high performance solutions that enable organizations to reduce their total cost of...

12/3,K/14 (Item 11 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

01678302 Supplier Number: 50172608 (USE FORMAT 7 FOR FULLTEXT)  
**Microlog Delivers Major System Upgrades for the IRS**  
PR Newswire, p715DCW021  
July 15, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newswire; Trade  
Word Count: 387

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

GERMANTOWN, Md., July 15 /PRNewswire/ -- MICROLOG CORPORATION (Nasdaq: MLOG) **announced** today the Internal Revenue Service (IRS) has ordered major upgrades to their Intel(R) systems...

...handling of thousands of calls concerning tax inquiries. With the Aspect(R) call center ACD, **data** and voice are **simultaneously transferred** to the agent for resolution. In addition, Microlog's Voice Response Units (VRUs) accommodate the GeoTel Intelligent Call Router, which systematically transfers calls to an agent with specific skills or knowledge. This will allow...

12/3,K/15 (Item 12 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

01467570 Supplier Number: 46983629 (USE FORMAT 7 FOR FULLTEXT)  
**Kansas City Southern Railway improves service on I-20 rail corridor, opens new Jackson intermodal ramp.**  
Business Wire, p12190007  
Dec 19, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 464

... in conjunction with Norfolk Southern (NS) and Burlington Northern Santa Fe (BNSF) through its Meridian **gateway**.

KCS began upgrading its line between Meridian, Miss., and Shreveport, La., when it acquired the...

...the line with continuous welded rail, new tie installations, ballast, bridges and appropriate grade crossing **warning devices**. These improvements, along with the construction of 13 new sidings, have enhanced flexibility on this **route** while **simultaneously** increasing capacity.

"Just a few years ago there were hundreds of speed restrictions on this...

12/3,K/16 (Item 13 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

01381556 Supplier Number: 46385417 (USE FORMAT 7 FOR FULLTEXT)  
**Rockwell Software to Offer Industrial Data Management Bundle and Microsoft SQL Server 6.5 Support**  
News Release, pN/A  
May 14, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 395

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

MILWAUKEE -- May 14, 1996 -- Industrial automation software leader Rockwell

Software Inc., a Rockwell Automation business, **announces** that it will begin bundling its ActiveX and communications products with Microsoft products to create...

...bundle combines the Microsoft 32-bit Visual Basic 4.0 application development platform and SQL **Server** 6.5 database with Rockwell Software's RSTools and RSLinx product. RSTools is the first...

...they allow users to create custom operator interfaces and databases, link personal computer workstations and **servers** to plant floor **devices**, and view multiple **data** links **simultaneously**. RSLinx is a set of **communications** drivers that link plant floor control and high-level automation systems. This allows users to access data from the plant floor and present it through a robust **server** architecture. Rockwell Software is the first automation software company to integrate Microsoft SQL **Server** with open architecture controls and ActiveX to give users the ability to completely integrate information...

...Alliance manager for Rockwell Automation says, "The bundle of RSTools, RSLinx, Visual Basic and SQL **Server** 6.5 is consistent with our commitment to support OLE and ActiveX components. We believe...

12/3,K/17 (Item 14 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

01302719 Supplier Number: 45792894 (USE FORMAT 7 FOR FULLTEXT)  
**TTC's award winning FIREBERD 500 now adds FDDI.**  
Business Wire, p9181297  
Sept 18, 1995  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 661

... analysis of any significant changes that may have occurred.  
These comparisons are then used to **alert** the user via the event logger or ring map. The information can then be imported...

...that provides simultaneous Wide Area Network (WAN) and Local Area Network (LAN) analysis with full **data** and T1 Bit Error Rate (BER) **transmission** testing. Through a MS Windowst based user interface, network managers can **simultaneously** view traffic from both sides of **devices** such as **routers**, bridges, and DSUs that may induce errors.  
The FIREBERD 500 features testing for full bandwidth...

12/3,K/18 (Item 15 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

01174196 Supplier Number: 42377938 (USE FORMAT 7 FOR FULLTEXT)  
**Vortex Delivers VINESMirrorPlus for Banyan Networks**  
News Release, p1  
Sept 23, 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 968

... the pioneer of  
continuous, on-line backup technology and award-winning fault tolerant systems, today **announced** VINESMirrorPlus. The new product provides Banyan VINES (R) users with superior storage fault tolerance through...

...specific need in Banyan VINES  
networks for storage fault tolerance. The new product manages the **server**'s storage **devices**, writing **data** to two disks

concurrently . If  
either disk should crash, VINESMirrorPlus will seamlessly **transfer**  
**data** requests to the alternate disk. VINESMirror Plus broadcasts the  
fatal drive event to specified network...  
...for disaster recovery, VINESMirrorPlus  
automatically generates, at user-defined intervals, an image copy of  
the **server** 's primary disk and saves it to magneto optical disk or  
removable Winchester disk. Open files are captured in the process,  
and there is no need to "down" the **server**  
to create the image. In the  
event of a site disaster or total system failure...

12/3,K/19 (Item 16 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

01171164 Supplier Number: 42289596 (USE FORMAT 7 FOR FULLTEXT)  
WANG INTRODUCES NEW LOW-COST VS 6000/SERVER AND REEMPHASIZES THE COMPANY'S  
COMMITMENT TO VS SYSTEMS  
News Release, p1  
August 13, 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 981

... mid-range VS  
8000, and the high-end VS 10000.

#### Architectural Benefits

The VS 6000/ **Server** supports up to 256 users and is built with  
microprocessor technology that includes a VS central processor on a  
single high-density, high-performance microprocessor chip. The VS  
6000/ **Server**  
is engineered to allow VS 5000 users to easily upgrade to  
the new systems.

Each VS 6000/ **Server** system incorporates a Wang designed 32- bit CMOS  
(complementary metal-oxide semiconductor) chip that provides...

...or 240 nanoseconds. The CMOS chip contains  
more than 100,000 transistors.

The VS 6000/ **Server** also features a unique, high-performance  
Input/Output (I/O) Subsystem that is capable of multiple **concurrent**  
and independent operations. The I/O subsystem facilitates the  
**transfer** of **data** between clients, terminals, and mass storage  
devices .

#### New VS Performance Offerings and VS 8000 SCSI Packages

Wang **announced** two new products that improve the productivity of VS  
systems: the Wang Digital Audio Tape...

12/3,K/20 (Item 17 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

01172012 Supplier Number: 40269174 (USE FORMAT 7 FOR FULLTEXT)  
TRW ANNOUNCES ECONOMICAL DOWNLOAD SERVER THAT DOES A DAY'S WORK IN SECONDS  
News Release, p1  
Jan 18, 1988  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 482

Aro/TRW IND

213-373-9161 ext. 354

Fisher Business Communications  
714-852-1313

**TRW ANNOUNCES ECONOMICAL DOWNLOAD SERVER THAT  
DOES A DAY'S WORK IN SECONDS**

**One-Of-A-Kind Device Delivers 30-Second Simultaneous  
Software Download To Thousands of Advance Connector Units (ACUs)**

-----  
WASHINGTON (Jan. 18) -- TRW Information Networks is announcing at  
ComNet '88 LanLoader LL2000, a high speed download server

phrases

the threat of extended network downtime caused by power fluctuation.

Once power is...

12/3,K/21 (Item 18 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2004 The Gale Group. All rts. reserv.

01046108 Supplier Number: 40101151 (USE FORMAT 7 FOR FULLTEXT)

**Teltone Corporation is announcing the addition of TellAN/PC to its TelAN  
(TM) data-over-voice local area network.**

PR Newswire, pN/A

July 1, 1987

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 208

... Tel: 416/475-0837, Envoy user name: TTL HQ

July 1, 1987

Teltone Corporation is **announcing** the addition of TellAN/PC to its  
TelAN (TM) **data** -over-voice local area network.

TellAN incorporates **data** switching and PC LAN functions into  
expensive, modular **units** that **transmit simultaneous** voice and  
data

existing telephone lines. Intelligent network interface **units**  
(NIUs) interconnect terminals, PCs, minicomputers and mainframes.  
NIUs contain software required to emulate a **data** switch, integrate  
voice and data onto telephone pairs, and broadcast individually  
addressed, statistically multiplexed data...

...provides full PC LAN

functionality, including PC-to-PC file transfers and access to file  
**servers**

, at the PCs' internal bus rate. TellAN/PC software allows the  
user to run NETBOIS...

12/3,K/22 (Item 19 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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01039982 Supplier Number: 40038800 (USE FORMAT 7 FOR FULLTEXT)

**Tek-Com Introduces Mux and Hub Network Solution**

PR Newswire, pN/A

April 30, 1987

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 241

... San Jose, CA 95131  
(408) 435-9515 Telex No. 277216

#### Tek-Com Introduces Mux and Hub Network Solution

Tek-Com Corporation, Manufacturer/Designer of Data Communications Equipment, San Jose, CA April 30, 1987 **announces** a Statistical Data Multiplexer and Hub networking device.

The Tek-Com SDM is an upgradeable Statistical Multiplexer, 2 to 14 channels, synchronous or asynchronous. The Hub, which connects many multiplexers to a single composite link, allows network users to access multiple host applications and remote data networks through a single telephone line.

While the SDM allow up to 14 devices to communicate simultaneously, used in pairs; although, the occasional user may use just one 2 port multiplexer to communicate to two (2) devices at the same location. Through built-in Manual and Statistical ports...

...and network rate, and confirming status set-up are easily accessed.

The Tek-Com SDM Hub allows users to concentrate multiple remote sites onto one (1) network link. The Hub supports 6 channels which allows 42 users to share a common link, without degradation. The...

12/3,K/23 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

04013011 Supplier Number: 53201769 (USE FORMAT 7 FOR FULLTEXT)  
-LUCENT TECHNOLOGIES: Lucent Technologies announces single-chip solutions for SONET/SDH SDL transmission.  
M2 Presswire, pNA  
Nov 10, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 813

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
M2 PRESSWIRE-10 November 1998-LUCENT TECHNOLOGIES: Lucent Technologies **announces** industry's first single-chip solutions for SONET/SDH simplified data link (SDL) transmission (C...

...Berkshire -- Lucent Technologies' Microelectronics Group, the world's leader in communications integrated circuits (ICs), today **announced** two new SONET/SDH ICs that transmit data using multiple network protocols and data rates, simplifying data transmission between switches and routers. The devices are the industry's first to support the new simplified data link (SDL) which provides direct data-over-fibre operation. The new devices, called DETROIT, **simultaneously** handle all commonly used standards of data transmission including ATM, Internet protocol (IP), point-to-point protocol (PPP) and high-level data link...

12/3,K/24 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

04012918 Supplier Number: 53201673 (USE FORMAT 7 FOR FULLTEXT)  
-LUCENT TECHNOLOGIES: Lucent announces first SONET/SDH ICs for simplified data link transmission.  
M2 Presswire, pNA  
Nov 10, 1998

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 854

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

M2 PRESSWIRE-10 November 1998-LUCENT TECHNOLOGIES: Lucent **announces** industry's first SONET/SDH ICs for simplified data link (SDL) transmission (C)1994-98...

...Pa. - Lucent Technologies' Microelectronics Group, the world's leader in communications integrated circuits (ICs), today **announced** new SONET/SDH ICs that transmit data using multiple network protocols and data rates, simplifying data transmission between switches and **routers**. The devices are the industry's first to support the new simplified **data** link (SDL) which provides direct **data** -over-fiber operation. The new **devices** called **DETROIT**, **simultaneously** handle all commonly used standards of **data** **transmission** including ATM, packet-over-SONET, point-to-point protocol (PPP), high-level data link control...

12/3,K/25 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

03191628 Supplier Number: 46538165 (USE FORMAT 7 FOR FULLTEXT)  
RAD DATA COMMUNICATIONS: RAD's ASM-32 modem combines two full duplex links on a single pair of wires

M2 Presswire, pN/A

July 12, 1996

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 464

RDATE:120796

\* ASM-32 provides **simultaneous** full duplex operation of two different **devices**

\* Single link offers installation savings and lower WAN costs

RAD **Data Communications** today **announced** the ASM-32, a dual-port, 2-wire modem that enables two pairs of users...

...up to 64 kbps.

"The major advantage of the ASM-32's two ports is **simultaneous** full duplex operation of two different **data communication devices** over two wires," explains Nir Cohen, product manager for High Speed Modems. "For instance, connection between **routers** operating sync at 64 kbps on one channel while a PC transmits to a host..."

12/3,K/26 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02879909 Supplier Number: 45845127 (USE FORMAT 7 FOR FULLTEXT)  
TELECOMMUNICATIONS TECHNIQUES CORPORATION: **Announces the TTC FIREBERD 500 internetwork analyser**

M2 Presswire, pN/A

Oct 9, 1995

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 938

RDATE: 051095

Telecommunications Techniques Corporation **announced** today the TTC FIREBERD 500 Internetwork Analyser with 2M/Nx64kbps test capability. The FIREBERD 500...

...technologies such as high speed ATM. Through a Windowsr-based user



interface, network managers can **simultaneously** compare **information** from both sides of **devices** such as **routers**, bridges, or multiplexers that may require commissioning or troubleshooting.

The FIREBERD 500 enables traffic generation...

...can be reached through the INTERNET at <http://www.ttc.com/>

TTC (Telecommunications Techniques Corporation) **announces** the addition of two new FDDI interface modules to the TTC FIREBERD 500 Internetwork Analyser...

...analysis of any significant changes that may have occurred. These comparisons are then used to **alert** the user via the event logger or ring buffer.

The information can then be imported...

...that provides simultaneous Wide Area Network (WAN) and Local Area Network (LAN) analysis with full **data** and T1 Bit Error Rate (BER) **transmission** testing. Through a MS Windowst based user interface, network managers can **simultaneously** view traffic from both sides of **devices** such as **routers**, bridges, and DSUs that may induce errors.

The FIREBERD 500 features testing for full bandwidth...

12/3,K/27 (Item 5 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02855026 Supplier Number: 45789285 (USE FORMAT 7 FOR FULLTEXT)

**TELECOMMUNICATIONS TECHNIQUES CORPORATION: Internetwork Analyser now adds FDDI**

M2 Presswire, pN/A

Sept 15, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 642

... analysis of any significant changes that may have occurred. These comparisons are then used to **alert** the user via the event logger or ring buffer. The information can then be imported...

...that provides simultaneous Wide Area Network (WAN) and Local Area Network (LAN) analysis with full **data** and T1 Bit Error Rate (BER) **transmission** testing. Through a MS Windows based user interface, network managers can **simultaneously** view traffic from both sides of **devices** such as **routers**, bridges, and DSUs that may induce errors.

The FIREBERD 500 features testing for full bandwidth...

12/3,K/28 (Item 6 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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01995825 Supplier Number: 43584157 (USE FORMAT 7 FOR FULLTEXT)

**NTT Builds Prototype Image Data Server with Multiple Access Capability**

New Era Japan, n176, pN/A

Jan 15, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 581

... allow users to view whatever image information they want to see whenever they please.

The **server** operates as follows. Whenever it receives an access request, it reads the specified data at...

...; played back at the user's terminal, it reads out and stores the **data** to be **sent**. These capabilities allow multiple users to access the **server** **simultaneously**. **Server** **units** can also be connected in

parallel to expand the size of a system. The prototype...

...system that accommodates simultaneous access by up to nine users (3 users x 3 parallel servers).

The new prototype server is to be announced and demonstrated at Pacific Telecommunication Council '93, which opens in Hawaii on January 17.

...Lab which the company opened last October.

NTT plans to develop new applications for the server in the future, along with increasing the data transmission speed of the internal memory unit...

12/3,K/29 (Item 7 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01571352 Supplier Number: 42332110 (USE FORMAT 7 FOR FULLTEXT)

**WANG INTRODUCES LOW-COST VS 6000/SERVER**

LAN Product News, v3, n9, pN/A

Sept, 1991

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 921

... mid-range VS 8000, and the high-end VS 10000.

**Architectural Benefits**

The VS 6000/ Server supports up to 256 users and is built with microprocessor technology that includes a VS central processor on a single high-density, high-performance microprocessor chip. The VS 6000/ Server is engineered to allow VS 5000 users to easily upgrade to the new systems.

Each VS 6000/ Server system incorporates a Wang designed 32-bit CMOS (complementary metal-oxide semiconductor) chip that provides...

...or 240 nanoseconds. The CMOS chip contains more than 100,000 transistors.

The VS 6000/ Server also features a unique, high-performance Input/Output (I/O) Subsystem that is capable of multiple concurrent and independent operations. The I/O subsystem facilitates the transfer of data between clients, terminals, and mass storage devices. New VS Performance Offerings and VS 8000 SCSI Packages

Wang announced two new products that improve the productivity of VS systems: the Wang Digital Audio Tape...

12/3,K/30 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06474142 Supplier Number: 55092490 (USE FORMAT 7 FOR FULLTEXT)

**Brocade unveils Fibre Channel switches; Second-generation SilkWorm switches offer higher reliability and easy software upgrades. (SilkWorm 2100, SilkWorm 2400, and SilkWorm 2800 network switches) (Product Announcement)**

Connor, Deni

Network World, p15

July 5, 1999

Language: English Record Type: Fulltext

Article Type: Product Announcement

Document Type: Magazine/Journal; Trade

Word Count: 492

... a high-performance, fabric-based SAN.

Storage networks enable high-speed direct access from all servers to all storage devices. The goals of using a SAN are to reduce storage costs...

...fabric-based SAN, Fibre Channel switches are interconnected over a

variety of paths, letting multiple devices communicate simultaneously and providing redundancy in the event of a failure.

Brocade's switches are aimed at small and large enterprise network customers...

...2100, is an eight-port entry-level switch that works as an alternative to a hub to interconnect Fibre Channel loop-based SANs.

The 2100 can be software upgraded from a...

...2100 port supports transfer rates of 200M byte/sec in full-duplex mode. Unlike a hub, which shares bandwidth among ports, the SilkWorm 2100 allows full bandwidth data transfers simultaneously on all ports.

For larger users, Brocade also announced a more feature-filled 16-port switch, the SilkWorm 2400, and a 16-port switch...

12/3,K/31 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06023412 Supplier Number: 53444457 (USE FORMAT 7 FOR FULLTEXT)

**Bottlenecks In LAN, WAN. (Industry Trend or Event)**

Salamone, Salvatore

InternetWeek, p21(1)

Dec 21, 1998

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 975

... Interoperability among VoIP platforms was a vendor hot button. Lucent Technologies and VocalTec Communications Ltd. announced gateway interoperability in June. That was followed in September by Lucent's PacketStar IP services platform, developed by Bell Labs, which purportedly will let VoIP gateways from multiple vendors interoperate.

Single Pipe Theory

On the convergence front, IT managers witnessed many...

...designed to pierce the walls between the circuit-switch and IP worlds, thus providing streamlined data and voice services through a single pipe.

At the same time, suppliers added multiprotocol capabilities, enabling single devices to transmit voice traffic over IP, frame relay or ATM without expensive change-outs of existing equipment.

Still, much of this work occurred...

12/3,K/32 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05698896 Supplier Number: 50143442 (USE FORMAT 7 FOR FULLTEXT)

**Wireless finds a voice at Supercomm**

Gohring, Nancy

Telephony, pNA

July 6, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Magazine/Journal; Trade

Word Count: 2286

... apart to guard against interference, but Cylink employs what Hilberman calls the "foghorn effect." Multiple units at a Cylink site are synchronized to broadcast at the same time and stay quiet at the same time, eliminating interference concerns.

Wireless Inc. will offer more data access products since it announced a merger with Multipoint Networks Inc. While Wireless has traditionally offered wireless voice products, Multipoint...

...to-point and point-to-multipoint solutions for data applications, including a wireless TCP/IP **router**, X.25 protocol radio, 16QAM narrowband data radios and a product family of multiple T...

12/3,K/33 (Item 4 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

03270219 Supplier Number: 45557923  
**Tribe defines net management role for Web browser software**  
Network World, p14  
May 22, 1995  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...Computer Works has released WebManager, software that allows a user to manage their line of **routers** and remote access **servers** using World-Wide Web browser software. Users can monitor and configure Tribe devices through any...

...the Internet, using the Web browsers' hypertext capabilities such as Netscape. WebManager will make management **information** on switches, **routers** and remote access **devices** more accessible to users. At the **same time**, Tribe **announced** TribeLink2, a \$1,295 2-port IP **router** that will carry WebManager support when it ships in June 1995. In fact, all of Tribe's remote access **servers** will ship with WebManager support at no extra cost in June. ...

12/3,K/34 (Item 5 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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03436181 Supplier Number: 44787396 (USE FORMAT 7 FOR FULLTEXT)  
**LAN Emulation Spec Nears Completion**  
CommunicationsWeek, p31  
June 27, 1994  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 606

... based Interphase Corp. and the subworking group's secretary. This should coincide with intelligent wiring **hub** vendors' initial ATM rollouts.

Most major vendors have **announced** plans to incorporate standards-based ATM interfaces or switches in their **hubs** beginning in the fourth quarter. Among the companies that have discussed their product plans are Cabletron Systems Inc., Chipcom Corp., Hughes LAN Systems, IBM and SynOptics **Communications** Inc.

ATM breaks voice, video and **data** transmissions into 53-byte cells for **simultaneous transmission** across high-speed links. **Hub** vendors must ensure that their products can interoperate with existing internetworking **devices** **sending** longer, variable-length packets, industry watchers said.

The LAN Emulation subworking group has finished about...

...iron out, though,' he said.

For instance, the group still must determine how the client **hub**, bridge or **router** will begin communication on an ATM-emulated LAN.

'Hopefully we'll be able to wrap...

12/3,K/35 (Item 1 from file: 160)  
DIALOG(R) File 160:Gale Group PROMT(R)  
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**Rabbit plans network manager**

Computerworld July 4, 1988 p. 8

ISSN: 0010-4841

Rabbit Software will develop an alternative to IBM's Communications Manager. The **Communications Manager** allows **data** on various local and/or remote systems to be accessed. It also supports multiple **concurrent communications** connections, while providing network management **alerts**. IBM's approach uses physical **units** (PUs) located on each workstation to carry out network management. Digital Communications Assoc (DCA), one of Rabbit's competitors, centralizes the code on the file **server**, thus relieving each workstation of millions of lines of code. Rabbit will use a modular...

12/3,K/36 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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09306147 SUPPLIER NUMBER: 19116692 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Fledgling products debut at show. (Demo 97) (Industry Trend or Event)**

Balderston, Jim

InfoWorld, v19, n6, p3(1)

Feb 10, 1997

ISSN: 0199-6649 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 466 LINE COUNT: 00040

... dispersed audiences.

Written entirely in Java, Symposium supports desktop training across heterogeneous networks.

VXtreme will **announce** Web Theater2 at Demo 97. The company boasts superior video quality, the ability to deliver...

...at 28.8Kbps and 56Kbps.

The digitized video can be saved to disk on the **server** so that it's available on demand.

The **server** can also stream live and on-demand video at the **same time** for flexibility in Web-based content **delivery**.

Hewlett-Packard's OmniBook hand-held **devices** will also get a boost from another vendor at Demo 97. Wynd Communications will unveil at the **event** its WyndMail wireless e-mail software for Windows CE.

According to sources close to the...

12/3,K/37 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07755939 SUPPLIER NUMBER: 16719370 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Legato Systems announces comprehensive strategy for database protection;**

**delivers database backup products for Oracle, Informix, and Sybase.**

Business Wire, p03281033

March 28, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1140 LINE COUNT: 00102

... for the broadest range of storage devices in the industry.

David Watson, market manager of **servers** and connectivity at **Informix** Software, said, "While **Informix** has always provided solid backup utilities, NetWorker support will be important for our **Informix** On-Line Dynamic **Server** customers who desire support for a broader range of tape autoloaders and optical jukebox devices..."

...media management features include Media Pools, which allow database files to be segregated from other **data** and **routed** to the fastest media **devices** available. Save Set Cloning creates and tracks multiple copies of backup **data** for redundancy and added security. **Concurrent** Device

Support **delivers simultaneous** backup to multiple storage devices .  
NetWorker's advanced device driver automates media management and rotation,  
supports bar codes to dramatically...

...the widest range of autochanger and optical jukeboxes in the industry.  
Sybase Support

As previously **announced** , the SQL-BackTrack NetWorker Module from  
DataTools integrates the comprehensive database backup facilities provided  
by...

12/3,K/38 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

07591340 SUPPLIER NUMBER: 15972052 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Frame Relay Forum ratifies multicast implementation agreement.**  
Business Wire, p12120130  
Dec 12, 1994  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 570 LINE COUNT: 00048

... One-Way, Two-Way and N-Way.

One-Way Multicast specifically addresses the needs of **router**  
interconnection. In this configuration, **routers** maintain the normal  
connections to their peer **routers** but have an extra PVC. Frames  
transmitted on this PVC will be delivered to all of the neighboring  
**routers** .

U S WEST, a member of the Frame Relay Forum, is one service provider  
that has just **announced** the commercial availability of one-way multicast.  
"The multicast feature can provide greater efficiency for **router**  
interconnection and other broadcast applications," said Andrea Vento,  
product manager at ENTERPRISE Networking Services from U S WEST. "For  
example, management traffic, such as **routing** updates, can be **transmitted**  
to peer **routers** simultaneously ."

Two-Way Multicast allows a single point or "root" to **multicast**  
data **units** to a specified group of users. Frames transmitted by the root  
are seen by all...

12/3,K/39 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

06518948 SUPPLIER NUMBER: 14000079 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Amid sluggish sales period, Telco finds daylight with Nynex contract.**  
(Telco Systems Inc. Fiber Optics Div.) (Business)  
Fiber Optics News, v13, n25, p8(1)  
June 28, 1993  
ISSN: 8756-2049 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 333 LINE COUNT: 00027

... Systems said it signed a five-year agreement with Nynex to equip  
its two operating **units** , New England Telephone and New York Telephone,  
with fiber optic **transmission** equipment.

This **announcement** happened almost **simultaneously** with news that  
Telco Systems attributed a \$1.6 million net loss for this year...

...extend fiber optic networks to consumers. Nynex will receive Telco  
Systems' 828A multiplexer, the T- **HUB** , the FOX family of products as well  
as other equipment. Telco Systems already provides similar...

12/3,K/40 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05586334 SUPPLIER NUMBER: 11674912 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**New products: Communications (Brief Article)**

Government Computer News, v10, n26, p26(1)

July 1991

DOCUMENT TYPE: Brief Article

ISSN: 0738-4300

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1138 LINE COUNT: 00091

... asynchronous port, thus eliminating the need for a synchronous adapter card.

Kea Systems has **announced** compatible ZSTEM Terminal Emulation Software support for MS-DOS 5.0. The company's \$345...

...SNA physical unit type 2 cluster controller to the host. The latest enhancement allows multiple **concurrent** file **transfers** between attached **devices** and an SNA host. The **devices** operate in interactive or batch mode with the SNA-Gate allocating resources as needed.

SoftSwitch has **announced** Mail Monitor, turnkey hardware and software for end-to-end monitoring of e-mail between interconnected...

...monitored. The \$40,000 price of the packaged includes a 486 machine.

ACC Systems has **announced** the ACP 3300 controller for connecting Digital Equipment Corp. Ultrix workstations to 4- or 16-megabit/sec token-ring networks without an intermediary **server**. Using

12/3,K/41 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01071351 49450856

**Quality of connection for the enterprise SAN**

Wright, Gary

Computer Technology Review PP: 48-59+ Fourth Quarter 1999

ISSN: 0278-9647 JRNL CODE: CTN

WORD COUNT: 5535

...TEXT: as well, including RAID arrays and servers equipped with SCSI HBAs. For example, McDATA recently **announced** the ability to connect HP/UX servers to a switched fabric enterprise SAN using a SAN **gateway** running in host mode. SAN **gateways** provide investment protection for installed SCSI devices as enterprise SANs are deployed to achieve competitive business advantage.

**Hubs and Switched Hubs**

SANs based on an arbitrated loop topology are typically implemented using a Fibre Channel **hub**. A **hub** provides centralized connectivity plus an automatic shunting capability that enables devices to be added to the loop on the fly. Without a **hub**, the loop must be taken out of service when devices are added or removed.

If multiple loops are desired, a switched **hub** provides centralized connection points; however, it does not provide **simultaneous** any-to-any connectivity between all attached **devices** since **data transfers** are still restricted to their respective loops. The switching capability of one of these devices...

12/3,K/42 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01071351 97-20745

**Cogent offers fast E-net hub, adapter potpourri**

Cohen, Jodi

Network World v12n31 PP: 25 Jul 31, 1995

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 424

...TEXT: product will include two stackable hubs, a 12 port unmanaged one and a 24-port hub that offers Simple Network Management Protocol management. The hubs can be stacked four high and provide two LEDs per port for indicating link integrity...

...PCI) buses.

Cogent will offer the same product set for the 100Base-TX standard -- two hubs and 10M/100M bit/sec adapters for all three major bus types -- for users with...

...able. The 100Base-TX runs in full-duplex mode, which allows networked systems to send and receive data simultaneously, whereas the 10Base-T4 devices only support half-duplex communications. The company will also offer fast Ethernet products for fiber-optic cable, which extends the...

... capable of running in full-duplex mode. Also, Cogent will offer an eight-port unmanaged hub and a 16-port stackable hub with SNMP management as part of its 100Base-FX collection.

Cogent also plans to announce this fall a stackable 10M/100M bit/sec switch, which is expected to ship in...

12/3,K/43 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01022194 96-71587  
**Dialing up remote connections**  
Williams, Gerald  
Network World v12n17 PP: 69-72 Apr 24, 1995  
ISSN: 0887-7661 JRNL CODE: NWW  
WORD COUNT: 2987

...TEXT: would finish well after the other when eight workstations transferred data simultaneously. Users might not notice these delays under actual work conditions.

Stress testing

Our remote access servers exhibited interesting differences in how they handle data. In our tests, some excelled in moving files from the server to the workstation but moved files more slowly back to the server. Others exhibited strong single-user performance but slowed when four users transferred files at the same time.

We found that the compression schemes the units implement helped speed some file transfers but slowed some transfers if data could not be compressed.

Microcom showed the most balanced approach, offering competitive or top speeds...

... and noncompressed files in both directions (see Figure 2). (Figure 2 omitted) On workstation-to-server transfers, both Microcom and Shiva achieved top results with processing throughput, as they showed fast...

12/3,K/44 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

0106005 93-15996  
**Sytron NLM provides automated net backup**  
Kissel, Jayne  
InfoWorld v15n5 PP: 37 Feb 1, 1993



Sytron Corp. has **announced** a NetWare Loadable Module that promises networkwide backup and restore for PCs and servers...

... as well as for backing up, restoring, and archiving individual files, directories, and entire **server** volumes from multiple **servers** and PCs.

Such files include NetWare binderies, security data, and DOS, OS/2, NFS, Unix...

...Windows or OS/2 PC. From a single PC, the product can identify all PCs, **servers**, and backup devices on the network. It automatically detects and protects devices as they are...

... on an icon," said Cimarron Boozer, vice president of marketing and product planning.

The product **simultaneously routes data** from **servers** and PCs to all available storage **devices** attached to the **server**, boasting per-**server** backup speeds of up to 40 megabytes per minute. Database capability enables the NLM to maintain knowledge of all the PCs, **servers**, files, tapes, and locations on the network.

Client licenses start at \$395, and **server** licenses are priced from \$595.

Sytron, in Westboro, Mass., can be reached at (508) 898...

12/3,K/45 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2004 CMP Media, LLC. All rts. reserv.

01181686 CMP ACCESSION NUMBER: INW19981221S0021  
**Bottlenecks In LAN, WAN**  
Salvatore Salamone  
INTERNETWEEK, 1998, n 746, PG21  
PUBLICATION DATE: 981221  
JOURNAL CODE: INW LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Year in Review: Bandwidth  
WORD COUNT: 982

... Interoperability among VoIP platforms was a vendor hot button. Lucent Technologies and VocalTec Communications Ltd. **announced gateway** interoperability in June. That was followed in September by Lucent's PacketStar IP services platform, developed by Bell Labs, which purportedly will let VoIP **gateways** from multiple vendors interoperate.

#### Single Pipe Theory

On the convergence front, IT managers witnessed many...

...designed to pierce the walls between the circuit-switch and IP worlds, thus providing streamlined **data** and voice services through a single conduit.

At the **same time**, suppliers added multiprotocol capabilities, enabling single **devices** to **transmit** voice traffic over IP, frame **relay** or ATM without expensive change-outs of existing equipment.

Still, much of this work occurred...

12/3,K/46 (Item 2 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2004 CMP Media, LLC. All rts. reserv.

00594788 CMP ACCESSION NUMBER: CWK19910624S0117  
Ascotel ISDN PBX  
COMMUNICATIONSWEEK INTERNATIONAL, 1991, n 067, 35  
PUBLICATION DATE: 910624  
JOURNAL CODE: CWI LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: User Networking - Product Briefs  
WORD COUNT: 675

... Token-Ring Hub L.M. Ericsson, Stockholm  
\* FEATURES: The ZAT 1600 is a token-ring **hub** with an eight-port board for 16- and 4-megabit-per-second support on shielded...  
...eight-port access board enables the connection of up to 64 stations to one ZAT **hub**.  
The one-port board supports stations, IBM 8228 multiple access units and Ericsson ZAT 20...

...El Enhancements To 4745 Communications Processors Amdahl Corp., Sunnyvale, California  
\* FEATURES: The processor now supports **transmission** speeds of 1.5 mbps for T1 connections, and 2 mbps for E1 connections. The processors also allow **concurrent data transfer** on up to eight channels, increasing the number of host central processing **units** that can be supported.  
\* PRICE: To be **announced**.  
\* AVAILABILITY: Third quarter 1991.  
All prices are approximate, and are based on European quotes. Please...

12/3,K/47 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0523882 BW1281

TTC: TTC announces Internetwork Analyzer with 2M/Nx64kb/s test capability

October 12, 1995

Byline: Business Editors/Computers & Electronics Writers

MISSISSAUGA, Ontario--(BUSINESS WIRE)--Oct. 12, 1995--TTC (Telecommunications Techniques Corp.) **announces** the TTC FIREBERD 500 Internetwork Analyzer with 2M/Nx64kb/s test capability.  
The FIREBERD 500...

...such as high speed ATM.  
Through a Windows(R)-based user interface, network managers can **simultaneously** compare **information** from both sides of **devices** such as **routers**, bridges, or multiplexers that may require commissioning or troubleshooting.  
The FIREBERD 500 enables traffic generation...

12/3,K/48 (Item 2 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0419287 BW0034

3COM: 3Com AccessBuilder offers five minute set-up using Transcend AccessBuilder Manager; multiprotocol remote access server adds new security options and extends client support

... 1994

Byline: Business Editors & Computer Writers

...and location-independent access with AccessBuilder. This audience is also assisted by 3Com's recently **announced** ISDN capabilities (June 8, 1994) which provide customers with access to cost-effective WAN services...

...Manager sets a new standard in ease-of-use in fully configuring a remote access **server**. This new feature leverages the existing SNMP-based capabilities of all shipping AccessBuilder **units**.

All AccessBuilders operate on a RISC processor, which allows up to 16 users to **simultaneously** connect and **transfer data** at maximum rates. As a result, remote and mobile users simply dial into the AccessBuilder...

12/3,K/49 (Item 1 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1281286 NYTU021  
**World Cyberlinks Corp. Announces Listing on the O-T-C Electronic Bulletin Board**

DATE: May 26, 1998 08:26 EDT WORD COUNT: 307

May 26 /PRNewswire/ -- World Cyberlinks Corp. is pleased to **announce** that its common stock has received approval for listing and has commenced trading on the...

...under the symbol WCYB.

World Cyberlinks Corp., through its ownership of five broad patents, provides **communications** software and docking solutions for mobile **data** collection and computing **devices**. The Company's Connex(TM) software and docking solutions enable the **communication** and **data transfer** on a **concurrent** basis between multiple pen-based computers, a host device and other pen computers. The Company...

... of movement and control of files between mobile devices and a network, CPU or network **server**.

The Company's patents principally relate to docking stations for pen-based computing devices including...

12/3,K/50 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

00380598 20001009283B7148 (USE FORMAT 7 FOR FULLTEXT)  
**Interphase Signs Crellon as Distributor for Telecommunication Controllers in the UK; Expands Company's Channel for Carrier Class Telecommunication Solutions in Europe**

Business Wire

Monday, October 9, 2000 09:00 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 729

...the industry-leading 6535 CompactPCI Octal-port T1/E1/J1 Communications Controller and the recently **announced** 4537 PMC Multiprotocol T1/E1 Communications Controller.

The 6535 is the world's most advanced...

12/3/K/51

Interfaces, providing telecom OEMs and integrators with a high density, multi-channelized WAN communications solution for connection to telecommunication switches, gateway devices, AIN nodes, CTI systems, VOIP gateways or remote access multiplexers. Telecommunications and data traffic can be simultaneously aggregated across any or all 8 ports, allowing the 6535 to deliver as much as 400% higher throughput than the closest competing product.

Based on the industry...

12/3,K/51 (Item 2 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2004 Business Wire. All rts. reserv.

00374574 20000929273B0981 (USE FORMAT 7 FOR FULLTEXT)

Pumatech Ships Satellite Forms Enterprise Edition 4.0 Software, Featuring New Satellite Forms Server-Solution Provides Flexible, Extensible Application Development Platform For Connecting Palm OS-compatible Handhelds To...

Business Wire

Friday, September 29, 2000 14:16 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 746

TEXT:

...Pumatech, Inc. (NASDAQ:

PUMA), the leading provider of the software infrastructure for the mobile Internet, announced today that it is shipping Satellite Forms Enterprise Edition 4.0, an enterprise-level connectivity and application development solution. Featuring new Satellite Forms Server (previously code-named "Vulcan"), Satellite Forms Enterprise Edition 4.0 provides a flexible and extensible...

...The software enables users to quickly create custom Palm OS applications that connect to enterprise data via a PC, or that utilize Satellite Forms Server. Satellite Forms Server provides secure, concurrent, server-based synchronization with enterprise data, while also delivering convenient, Web-based management of users, groups, devices, and applications.

Satellite Forms Enterprise Edition 4.0 automatically creates an association between the Palm...

12/3,K/52 (Item 3 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2004 Business Wire. All rts. reserv.

00179191 20000125025B0434 (USE FORMAT 7 FOR FULLTEXT)

(IFMX) Network Appliance Delivers First Network-attached Storage Solution for Informix Database Environments

Business Wire

Tuesday, January 25, 2000 12:13 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 903

...BancTec employs more than 4,000 people worldwide and headquartered in Dallas, Texas.

#### About Informix

**Informix** Corporation, based in Menlo Park, California, provides innovative database products that assist the world's major corporations to attain competitive advantage. **Informix** is widely recognized as the technology leader for corporate computing environments ranging from small workgroups to very large parallel processing applications.

**Informix**'s database **server**, application development tools, superior customer service, and strong partnerships enable the company to be at...  
...more  
information, contact the sales office nearest you or visit our Web site at [www.informix.com](http://www.informix.com)

#### About Network Appliance

Network Appliance, a veteran in network file serving and caching, has...

...Motorola and Texas Instruments have deployed NetApp solutions. NetApp's Internet caching solutions (**NetCache(TM)** **appliances**) and file **servers** ("filers") **deliver** fast, simple, reliable and cost-effective access to network-stored **data** and enable **simultaneous** shared file services for UNIX, Windows and the World Wide Web.

The company pioneered the...

12/3,K/53 (Item 4 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

00125918 19991025298B1130 (USE FORMAT 7 FOR FULLTEXT)  
StarBurst Software Teams With Inktomi to Guarantee Simultaneous  
Transmission of Content for Service Provider and Enterprise Customers  
Business Wire  
Thursday, October 25, 1999 08:37 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 827

#### TEXT:

StarBurst Software  
today **announced** an alliance with Inktomi Corp., developer of scalable Internet infrastructure software, to provide a highly scalable and reliable method to guarantee **simultaneous transmission** of content such as video, audio, software and large **data** files to remote sites and **distributed devices**. StarBurst's OmniCast(TM) software integrated with the Inktomi Traffic **Server** (TM) network cache platform, will provide service provider and enterprise customers with new opportunities for...

...by nearly 200,000 enterprise and Internet-based receiving devices around the world. The Traffic **Server** platform combined with StarBurst's OmniCast software enables simultaneous transmission of cached Web content, optimizing...

12/3,K/54 (Item 5 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

14412 19991021294B1605 (USE FORMAT 7 FOR FULLTEXT)  
Echelon Corporation Announces Third Quarter 1999 Revenues Increase 37% From Prior Year  
Business Wire  
Thursday, October 21, 1999 16:23 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 1,400

...highpoints of the show was the introduction of Echelon's  
i.LON(TM) 1000 IP **Server**, a breakthrough product that is designed to  
connect everyday devices in LonWorks networks to the...

...system and the LonMaker(TM) for Windows  
network design tool. The i.LON 1000 IP **Server**, in conjunction with the  
new release of LNS, will enable thousands of **devices** to be monitored  
**simultaneously** over the Internet, enabling up-to-the-minute **information**  
to be **sent** from **devices** to enterprise management systems. These  
products also provide us with the technology base needed to...

...year 2000, anticipating  
significant market growth in 2001."

Oshman concluded, "I am further pleased to **announce** that Echelon and  
EBV Elektronik GmbH have agreed to extend our pan-European distribution  
agreement...

12/3,K/55 (Item 6 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

00063836 19990622173B0040 (USE FORMAT 7 FOR FULLTEXT)  
PMC-Sierra Introduces Industry's Most Integrated Packet Processors for  
Channelized Voice & Data Applications  
Business Wire  
Tuesday, June 22, 1999 05:16 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 913

TEXT:

...solutions  
able to process a fully channelized DS-3 signal

PMC-Sierra (Nasdaq:PMCS) today **announced** two new additions to the  
FREEDM family of high density packet processors -- the PM7380  
FREEDM...

...32A672 is ideal for low latency, high  
performance applications such as Voice Over IP (VOIP) **gateways** and high  
density Frame **Relay** Interfaces. **Each device** supports up to 672  
**simultaneous** High-level **Data** Link Control (HDLC) channels across up to  
32 T1 or E1 links. The new FREEDM **devices** replace up to six HDLC  
processors using currently available solutions.